PATENTS

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Applica	ition of:)		
	•)	Art Unit:	2135
Gregory Ho	uston et al.)		
)	Examiner:	Linh Son
Serial No.:	09/844,448)		
)	Docket No.:	05456.105005
Filed:	April 27, 2001)		
)	Conf. No.:	9082
For: System	and Method for Managing)		
Securit	ty Events on a Network)		

INFORMATION DISCLOSURE STATEMENT ("IDS") WITH AUTHORIZATION TO CHARGE DEPOSIT ACCOUNT THE APPROPRIATE FEE TO CONSIDER THE IDS

Mail Stop Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

Pursuant to 37 C.F.R. §§ 1.97 and 1.98, Applicants hereby submit an Information Disclosure Statement ("IDS") for consideration by the Examiner. The patents, publications or other information submitted for consideration by the Patent Office are listed on Form PTO-1449, attached hereto. Submitted herewith is a legible copy of (i) each foreign patent; (ii) each publication or that portion which caused it to be listed; and (iii) all other information or that portion which caused it to be listed.

Except as may be indicated below, all of the patents, publications or other information are in the English language, a copy of which is attached hereto and therefore, a concise explanation of each reference is not required. The following additional information is provided for the Examiner's consideration.

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on September 23, 2005.

3857090_1.DOC

To assist the Examiner in reviewing this IDS, the Applicants have conducted a key word search of each U.S. patent and U.S. patent application publication listed on the attached Form PTO-1449. The Applicants used the following search terms in his query of the U.S. patents and U.S. patent application publications: (1) "computer\$"; (2) "intrusion\$", (3) "detect\$", (4) "(classif\$ or type or types)", (5) "filter\$", (6) "display\$", and (7) "(select\$ or chang\$)." The Applicants used Boolean logic when performing this search in which each term was linked by the logical connector "AND." A search of these U.S. patents and U.S. patent application publications using the aforementioned terms and Boolean search logic yielded the following results (20 patents and 5 publications):

U.S. PATENTS
U.S. Patent No. 5,440,723 to Arnold et al.
U.S. Patent No. 5,905,859 to Holloway et al.
U.S. Patent No. 6,088,804 to Hill et al.
U.S. Patent No. 6,185,689 to Todd Sr. et al.
U.S. Patent No. 6,321,338 to Porras et al.
U.S. Patent No. 6,324,647 to Bowman-Amuah
U.S. Patent No. 6,347,374 to Drake et al.
U.S. Patent No. 6,353,385 to Molini et al.
U.S. Patent No. 6,405,364 to Bowman-Amuah
U.S. Patent No. 6,453,345 to Trcka et al.
U.S. Patent No. 6,460,141 to Olden
U.S. Patent No. 6,484,203 to Porras et al.
U.S. Patent No. 6,499,107 to Gleichauf et al.
U.S. Patent No. 6,546,493 to Magdych et al.
U.S. Patent No. 6,606,744 to Mikurak
U.S. Patent No. 6,647,400 to Moran
U.S. Patent No. 6,704,874 to Porras et al.
U.S. Patent No. 6,708,212 to Porras et al.
U.S. Patent No. 6,711,615 to Porras et al.
U.S. Patent No. 6,816,973 to Gleichauf et al.

U.S. Patent Application Publications	
U.S. Patent Application Publication No. to 2001/0034847 Gaul Jr.	
U.S. Patent Application Publication No. 2002/0144156 to Copeland III et al.	
U.S. Patent Application Publication No. 2003/0088791 to Porras et al.	
U.S. Patent Application Publication No. 2003/0212903 to Porras et al.	
U.S. Patent Application Publication No. 2004/0010718 to Porras et al.	

The Applicants submit that these search terms cannot be interpreted as providing emphasis on these terms when the claims are interpreted and construed by both the Examiner and the courts. The Applicants merely selected these terms to identify the prior art that may be more relevant than prior art that do not contain these search terms.

To further assist the Examiner, the Applicants have organized each of the U.S. Patents and U.S. Patent Application Publications according to classification. For the non-U.S. patent prior art, the Applicants have annotated Form PTO-1449 with the location of each document in a respective box.

The Applicants exerted this additional time and effort to help the Examiner so that if a patent is ever issued on this patent application, third parties will understand that the Applicants submitted the attached prior art on a good faith basis. The Applicants recognize that the attached prior art is voluminous but it is not the Applicants' intent to "bury" any patents that maybe more pertinent than other ones. The Applicants do not want to dismiss any reference that they are aware of as cumulative in order to prevent third parties from arguing that the Applicants intentionally did not submit any prior art in an effort to deceive the Examiner and the Patent Office.

This IDS is being filed under 37 C.F.R. § 1.97(b)(4), before the mailing of a first Office Action after the filing of a request for continued examination 37 C.F.R. § 1.114. No certification is required. No fee is believed to be due. However, should the Commissioner determine otherwise, he is authorized to charge such fees to Deposit Account No. 11-0980.

Appl. No. 09/844,448 Information Disclosure Statement Docket No. 05456.105005

If the Examiner has any questions concerning this IDS, he is requested to contact the undersigned. If it is determined that this IDS has been filed under the wrong rule, the Patent Office is requested to consider this IDS under the proper rule (with a petition if necessary) and charge the appropriate fee to Deposit Account No. 11-0980.

Enclosures:

- 1. Form PTO-1449
- 2. Foreign Patents
- 3. Publications
- 4. Postcard

Respectfully submitted,

KING & SPALDING LLP

Ву___

Steven P. Wigmore, Esq., Reg. No. 40,447

PE	
FOR TO-1449, Ada od	
CEP & 6 2005 W	١
SEP 26 Mills B	
\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	
ATTY POCKET NO.	

ATTO POCK	ET NO	8 /	SERIAL NO.		FILING DATE					
05456.1050			09/844,448							
US4SO.1USU APPLICANT	<u> </u>		03/044,440		April 27, 2001 GROUP					
Gregory Ho	uston	ı et al	i		2135					
Gregory In	uston	ct al.		U.S. PA	TENT DOCUMENTS	· · · · · · · · · · · · · · · · · · ·				
EXAMINER INITIAL		DOCUMENT NUMBER	DATE		NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE		
	AA	5,696,486	12/9/97	Poliquin	et al.	340				
	AB	6,353,385	3/5/02	Molini e	t al.	340				
	AC	5,353,393	10/4/94	Bennett	et al.	345				
	AD	6,429,952	8/6/02	Olbricht		358				
	AE	5,748,098	5/5/98	Grace		370				
	AF	6,396,845	5/28/02	Sugita		370				
	AG	6,711,127	3/23/04	Gorman	et al.	370				
	АН	5,734,697	3/31/98	Jabbarne	ezhad	379				
	AI	6,104,783	8/15/00	DeFino		379				
	AJ	6,226,372	5/1/01	Beebe et	t al.	379				
	AK	6,445,822	9/3/02	Crill et a	al.	382				
	AL	6,563,959	5/13/03	Troyank	er	382				
	AM	6,618,501	9/9/03	Osawa e	t al.	382				
					N. M. N.					
		DOCUMENT NUMBER	DATE	COUNT	PATENT DOCUMEN	NAME		TRANSLATION		
<u> </u>					ding Author, Title, Date		- I	YES NO.		

FORM PTO-1449, Adapted LIST OF INFORMATION DISCLOSED BY APPLICANT (Use several sheets if necessary) ATTY. DOCKET NO. FILING DATE SERIAL NO. 05456.105005 09/844,448 April 27, 2001 APPLICANT GROUP Gregory Houston et al. 2135 U.S. PATENT DOCUMENTS EXAMINER DOCUMENT NUMBER DATE NAME CLASS SUBCLASS FILING DATE INITIAL IF APPROPRIATE AN 9/30/03 382 6,628,824 Belanger AO 6,647,139 11/11/03 Kunii et al. 382 AP 6,661,904 12/9/03 Sasich et al. 382 AQ 6,668,082 12/23/03 Davison et al. 382 AR 6,668,084 12/23/03 Minami 382 AS 6,792,144 9/14/04 382 Yan et al. ΑT 5,345,595 9/6/94 Johnson et al. 455 ΑU 8/21/01 455 6,278,886 Hwang ΑV 6,889,168 05/03/05 702 Hartley et al. AW 5/11/93 702 5,210,704 Husseiny 703 AX 5,842,002 11/24/98 Schnurer et al. AY 5,854,916 12/29/98 703 Nachenberg 12/7/99 703 ΑZ 5,999,723 Nachenberg 703 BA 6,067,410 5/23/00 Nachenberg BB5,864,803 1/26/99 Nussbaum 704 FOREIGN PATENT DOCUMENTS TRANSLATION DOCUMENT NUMBER DATE COUNTRY NAME NO. YES OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.) **EXAMINER DATE CONSIDERED** EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449, Adapted LIST OF INFORMATION DISCLOSED BY APPLICANT (Use several sheets if necessary) ATTY. DOCKET NO. FILING DATE SERIAL NO. 05456.105005 09/844,448 April 27, 2001 APPLICANT GROUP Gregory Houston et al. 2135 **U.S. PATENT DOCUMENTS EXAMINER** DOCUMENT NUMBER DATE NAME CLASS SUBCLASS FILING DATE INITIAL IF APPROPRIATE BC6,014,645 1/11/00 705 Cunningham BD705 6,584,454 6/24/03 Hummel, Jr. et al. BE 5,675,711 10/7/97 Kephart et al. 706 BF 706 5,907,834 5/25/99 Kephart et al. BG 5,649,185 7/15/97 Antognini et al. 707 BH 1/5/99 707 5,857,191 Blackwell, Jr. et al. ΒI 5,878,420 3/2/99 de la Salle 707 BJ5,899,999 5/4/99 De Bonet 707 BK 11/7/00 707 6,144,961 de la Salle BL 707 6,161,109 12/12/00 Matamoros et al. 707 BM6,282,546 8/28/01 Gleichauf et al. BN 6,463,426 10/8/02 Lipson et al. 707 BO 6,647,400 11/11/03 707 Moran BP 709 4,223,380 9/16/80 Antonaccio et al. FOREIGN PATENT DOCUMENTS TRANSLATION DOCUMENT NUMBER DATE COUNTRY NAME YES NO. OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.) **EXAMINER DATE CONSIDERED** EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in

FORM PTO-1449, Adapted LIST OF INFORMATION DISCLOSED BY APPLICANT (Use several sheets if necessary) ATTY. DOCKET NO. SERIAL NO. FILING DATE 05456.105005 09/844,448 April 27, 2001 APPLICANT **GROUP** Gregory Houston et al. 2135 **U.S. PATENT DOCUMENTS** EXAMINER INITIAL DOCUMENT NUMBER DATE NAME CLASS SUBCLASS FILING DATE IF APPROPRIATE 709 BQ 5,309,562 5/3/94 BR 709 5,347,450 9/13/94 Nugent BS 5,371,852 12/6/94 Attanasio et al. 709 BT5,515,508 5/7/96 Pettus et al. 709 BU709 5,539,659 7/23/96 McKee et al. 709 BV5,630,061 5/13/97 Richter et al. BW5,706,210 1/6/98 Kumano et al. 709 709 BX4/28/98 Lohmann, II et al. 5,745,692 BY8/4/98 709 5,790,799 Mogul BZ5,835,726 11/10/98 Shwed et al. 709 CA 5,881,236 3/9/99 Dickey 709 709 CB 5,884,033 3/16/99 Duvall et al. 709 CC 5,922,051 7/13/99 Sidey CD 5,715,395 02/03/98 Brabson et al. 709 CE 6,220,768 04/24/01 709 Barroux FOREIGN PATENT DOCUMENTS TRANSLATION DOCUMENT NUMBER DATE COUNTRY NAME YES NO. OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.) **EXAMINER DATE CONSIDERED** EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in

FORM PTO-1449, Adapted LIST OF INFORMATION DISCLOSED BY APPLICANT (Use several sheets if necessary) ATTY. DOCKET NO. SERIAL NO. FILING DATE 05456.105005 09/844,448 April 27, 2001 APPLICANT GROUP Gregory Houston et al. 2135 **U.S. PATENT DOCUMENTS** EXAMINER DOCUMENT NUMBER DATE NAME CLASS SUBCLASS FILING DATE INITIAL IF APPROPRIATE CF 5,964,839 10/12/99 709 Johnson et al. 709 CG 5,974,237 10/26/99 Shurmer et al. CH 5,974,457 10/26/99 Waclawsky et al. 709 CH 5,983,270 11/9/99 Abraham et al. 709 CJ 6,009,467 12/28/99 Ratcliff et al. 709 CK 6,026,442 2/15/00 Lewis et al. 709 CL 6,035,323 3/7/00 Narayen et al. 709 CM 6,041,347 3/21/00 Harsham et al. 709 CN 6,052,709 4/18/00 709 Paul CO 6,070,190 5/30/00 709 Reps et al. CP 6/6/00 709 6,073,172 Frailong et al. CO 6,085,224 7/4/00 Wagner 709 6,119,165 9/12/00 709 CR Li et al. CS 6,195,687 2/27/01 Greaves et al. 709 FOREIGN PATENT DOCUMENTS TRANSLATION DOCUMENT NUMBER DATE COUNTRY NAME YES NO. OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.) **EXAMINER DATE CONSIDERED**

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in

TTY. DOCKET N	0	CEDIAL NO		ING DATE			
	0.	SERIAL NO.					
05456.105005 APPLICANT		09/844,448		ril 27, 2001 OUP			
Gregory Housto	on et al		213				
oregory House	on et ai.			T DOCUMENTS			
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	N.	AME	CLASS	SUBCLASS	FILING DATE IF APPROPRIAT
СТ	6,377,994	4/23/02	Ault et al.		709		
CU	6,397,245	5/28/02	Johnson, II et	al.	709	-	
CV	6,415,321	7/2/02	Gleichauf et a	1.	709		
CW	6,434,615	8/13/02	Dinh et al.		709		
СХ	6,438,600	8/20/02	Greenfield et a	al.	709		
CY	6,453,345	9/17/02	Trcka et al.		709		
CZ	6,453,346	9/17/02	Garg et al.		709		
DA	6,484,203	11/19/02	Porras et al.		709		
DB	6,496,858	12/17/02	Frailong et al.	· · · ·	709		
DC	6,519,647	2/11/03	Howard et al.		709		
DD	6,708,212	3/16/04	Porras et al.		709		
DE	6,711,615	3/23/04	Porras et al.		709		
DF	6,718,383	4/6/04	Hebert	Hebert			
DG	2002/0032793	3/14/02	Malan et al.	Malan et al.			<u> </u>
	T .	F	OREIGN PATI	ENT DOCUMEN	TS		TRANSLATION
	DOCUMENT NUMBER	DATE	COUNTRY		NAME		YES NO.

FORM PTO-1449, Adapted LIST OF INFORMATION DISCLOSED BY APPLICANT (Use several sheets if necessary) ATTY. DOCKET NO. SERIAL NO. FILING DATE 09/844,448 April 27, 2001 05456.105005 APPLICANT GROUP 2135 Gregory Houston et al. **U.S. PATENT DOCUMENTS** SUBCLASS EXAMINER DOCUMENT NUMBER DATE NAME CLASS FILING DATE IF APPROPRIATE INITIAL 709 DH 2003/0037136 2/20/03 Labovitz et al. DI 4,400,769 8/23/83 Kaneda et al. 710 4/23/96 710 DJ Lin 5,511,184 710 DK 6,467,002 10/15/02 Yang 711 DL 5,991,856 11/23/99 Spilo et al. 711 11/27/01 Kricheff et al. DM 6,324,627 713 DN 4,975,950 12/4/90 Lentz 7/16/91 Hecht et al. 713 DO 5,032,979 713 DP 5,121,345 6/9/92 Lentz 4/20/93 Wittenberg et al. 713 DQ 5,204,966 713 12/28/93 Howarth DR 5,274,824 713 DS 1/11/94 Shieh et al. 5,278,901 713 DT 5,311,593 5/10/94 Carmi 713 DU 5,359,659 10/25/94 Rosenthal 713 5,414,833 5/9/95 Hershey et al. DV 713 DW 5,475,839 12/12/95 Watson et al. FOREIGN PATENT DOCUMENTS TRANSLATION NAME DOCUMENT NUMBER DATE COUNTRY YES NO. OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.) **DATE CONSIDERED EXAMINER** EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449, Adapted LIST OF INFORMATION DISCLOSED BY APPLICANT (Use several sheets if necessary) ATTY. DOCKET NO. SERIAL NO. FILING DATE 05456.105005 09/844,448 April 27, 2001 APPLICANT GROUP Gregory Houston et al. 2135 **U.S. PATENT DOCUMENTS EXAMINER** DOCUMENT NUMBER DATE NAME CLASS SUBCLASS FILING DATE INITIAL IF APPROPRIATE DX 5,557,742 9/17/96 Smaha et al. 713 713 DY 5,586,260 12/17/96 Hu 713 DZ5,606,668 2/25/97 Shwed EA 5,623,600 4/22/97 Ji et al. 713 EB 5,623,601 4/22/97 Vu 713 EC 12/9/97 713 5,696,822 Nachenberg ED 5,761,504 6/2/98 Corrigan et al. 713 EE 6/9/98 713 5,764,887 Kells et al. EF 6/9/98 713 5,764,890 Glasser et al. EG 7/28/98 713 5,787,177 Leppek 713 EH 5,796,942 8/18/98 Esbensen ΕI 5,798,706 8/25/98 Kraemer et al. 713 5,812,763 9/22/98 713 EJ Teng 5,815,574 713 EK 9/29/98 Fortinsky EL 5,822,517 10/13/98 Dotan 713 **EM** 02/01/05 713 6,851,057 Nachenberg FOREIGN PATENT DOCUMENTS TRANSLATION DOCUMENT NUMBER DATE COUNTRY NAME YES NO.

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449, Adapted LIST OF INFORMATION DISCLOSED BY APPLICANT (Use several sheets if necessary) ATTY. DOCKET NO. SERIAL NO. FILING DATE 09/844,448 April 27, 2001 05456.105005 APPLICANT GROUP 2135 Gregory Houston et al. **U.S. PATENT DOCUMENTS** DOCUMENT NUMBER DATE NAME CLASS SUBCLASS FILING DATE **EXAMINER** INITIAL IF APPROPRIATE 713 EN 5,826,013 10/20/98 Nachenberg 713 10/27/98 Belville et al. EO 5,828,833 EP 5,832,208 11/3/98 Chen et al. 713 713 11/3/98 Blakley, III et al. EQ 5,832,211 713 ER 5,838,903 11/17/98 Blakely, III et al. 713 ES 5,845,067 12/1/98 Porter et al. 713 12/8/98 Radia et al. ET 5,848,233 713 1/26/99 EU 5,864,665 Tran 713 Shi et al. EV 5,875,296 2/23/99 713 EW 5,892,903 4/6/99 Klaus 713 EX 5,919,257 7/6/99 Trostle 713 EY 5,919,258 7/6/99 Kayashima et al. 713 EZ 5,925,126 7/20/99 Hsieh 8/3/99 713 FA 5,931,946 Terada et al. 713 5,940,591 8/17/99 Boyle et al. FB 713 FC 04/26/05 Lyle 6,886,102 FOREIGN PATENT DOCUMENTS TRANSLATION

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

COUNTRY

DATE CONSIDERED EXAMINER

DATE

DOCUMENT NUMBER

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

NAME

YES

NO.

FORM PTO-1449, Adapted LIST OF INFORMATION DISCLOSED BY APPLICANT (Use several sheets if necessary) ATTY. DOCKET NO. SERIAL NO. FILING DATE 05456.105005 09/844,448 April 27, 2001 APPLICANT **GROUP** Gregory Houston et al. 2135 **U.S. PATENT DOCUMENTS EXAMINER** DOCUMENT NUMBER DATE NAME CLASS SUBCLASS FILING DATE INITIAL IF APPROPRIATE FD 10/5/99 713 5,961,644 Kurtzberg et al. FE 11/2/99 713 5,978,917 Chi FF 5,983,348 11/9/99 Ji 713 FG 5,983,350 11/9/99 713 Minear et al. FH 5,987,606 11/16/99 Cirasole et al. 713 \mathbf{FI} 5,987,610 11/16/99 Franczek et al. 713 FJ 5,987,611 11/16/99 713 Freund FK 5,991,881 11/23/99 Conklin et al. 713 FL 5,999,711 12/7/99 713 Misra et al. FM 6,003,132 12/14/99 Mann 713 FN 6,061,795 5/9/00 Dircks et al. 713 FO 6,070,244 5/30/00 Orchier et al. 713 FP 6,081,894 6/27/00 Mann 713 FO 6,493,752 12/10/02 713 Lee et al. FR 5,905,859 05/18/99 713 Holloway et al. FOREIGN PATENT DOCUMENTS TRANSLATION COUNTRY DOCUMENT NUMBER DATE NAME YES NO. OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.) **EXAMINER DATE CONSIDERED** EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in

FORM PTO-1449, Adapted

TTY. DOC	ŒT NO		SERIAL NO.	FILIN	IG DATE			
)5456.1050	005		09/844,448	Apri	April 27, 2001			
APPLICANT				GRO	UP			
Gregory H	oustor	et al.		2135			· · · · · · · · · · · · · · · · · · ·	
	ī			U.S. PATENT	DOCUMENTS	Ï		
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAM	ие	CLASS	SUBCLASS	FILING DATE IF APPROPRIATI
	FS	6,088,803	7/11/00	Tso et al.		713		
	FT	6,088,804	7/11/00	Hill et al.		713		
	FU	6,092,194	7/18/00	Touboul		713		
	FV	6,098,173	8/1/00	Elgressy et al.		713		
	FW	6,119,234	9/12/00	Aziz et al.		713		
	FX	6,122,738	9/19/00	Millard		713		
	FY	6,154,844	11/28/00	Touboul et al.		713		
	FZ	6,167,520	12/26/00	Touboul		713		
	GA	6,185,689	2/6/01	Todd, Sr. et al.		713		
	GB	6,205,552	3/20/01	Fudge		713		
	GC	6,266,773	7/24/01	Kisor et al.		713		
	GD	6,266,774	7/24/01	Sampath et al.		713		
-	GE	6,272,641	8/7/01	Ji		713		
	GF	6,275,938	8/14/01	Bond et al.		713		
	GG	6,275,942	8/14/01	Bernhard et al.		713		
	GH	6,279,113	8/21/01 Fe	Vaidya OREIGN PATE	NT DOCUMENTS	713		
		DOCUMENT NUMBER	DATE	COUNTRY	NAM	E		TRANSLATION YES NO.
		OTHER I	REFERENC	CES (Including A	uthor, Title, Date, Perti	nent Pag	es, Etc.)	123 110.

FORM PTO-1449, Adapted

	KET NO).	SERIAL NO.	FII	LING DATE		·	
05456.1050	005		09/844,448	Ar	oril 27, 2001			
APPLICANT			02/044,440		OUP			
Gregory H	loustor	ı et al.		21	35			
					T DOCUMENTS	S		
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	N	AME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	GI	6,298,445	10/2/01	Shostack et al	l	713		
	GJ	6,301,668	10/9/01	Gleichauf et a	մ.	713		
	GK	6,314,520	11/6/01	Schell et al.		713		
	GL	6,321,338	11/20/01	Porras et al.		713		
	GM	6,324,647	11/27/01	Bowman-Amuah		713		
	GN	6,338,141	1/8/02	Wells		713		
	GO	6,347,374	2/12/02	Drake et al.		713		
	GP	6,357,008	3/12/02	Nachenberg		713		
	GQ	6,405,318	6/11/02	Rowland		713		
	GR	6,408,391	6/18/02	Huff et al.		713		
	GS	6,460,141	10/1/02	Olden		713		
	GT	6,470,449	10/22/02	Blandford		713		
	GU	6,477,648	11/5/02	Schell et al.		713		
	GV	6,477,651	11/5/02	Teal		713		
			F	OREIGN PAT	ENT DOCUME	NTS		
		DOOLD ALPHA PAR A PAR						TRANSLATION
		DOCUMENT NUMBER	DATE	COUNTRY		NAME		YES NO.
EVALOR.		OTHER I	REFERENC	CES (Including	Author, Title, Da		ges, Etc.)	/
EXAMINE		nitial if reference consid	arad whatha			CONSIDERED		

FORM PTO-1449, Adapted LIST OF INFORMATION DISCLOSED BY APPLICANT (Use several sheets if necessary) ATTY, DOCKET NO. FILING DATE SERIAL NO. 05456.105005 09/844,448 April 27, 2001 APPLICANT **GROUP** Gregory Houston et al. 2135 U.S. PATENT DOCUMENTS DOCUMENT NUMBER DATE **EXAMINER** NAME CLASS SUBCLASS FILING DATE INITIAL IF APPROPRIATE GW 6,487,666 713 11/26/02 Shanklin et al. 713 GX 6,499,107 12/24/02 Gleichauf et al. GY 6,510,523 1/21/03 Perlman et al. 713 GZ 6,519,703 2/11/03 713 Joyce 3/4/03 HA 6,530,024 Proctor 713 HB 6,546,493 4/8/03 Magdych et al. 713 HC 6,574,737 6/3/03 Kingsford et al. 713 713 HD 6,578,147 6/10/03 Shanklin et al. HE 1/20/04 713 6,681,331 Munson et al. HF 713 6,691,232 2/10/04 Wood et al. HG 6,704,874 3/9/04 Porras et al. 713 HH4/20/04 713 6,725,377 Kouznetsov HI 6,725,378 4/20/04 Schuba et al. 713 HJ 6,775,780 8/10/04 Muttik 713 FOREIGN PATENT DOCUMENTS TRANSLATION DOCUMENT NUMBER DATE COUNTRY NAME YES OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.) **EXAMINER DATE CONSIDERED**

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449, Adapted LIST OF INFORMATION DISCLOSED BY APPLICANT (Use several sheets if necessary) FILING DATE ATTY. DOCKET NO. SERIAL NO. 09/844,448 April 27, 2001 05456.105005 APPLICANT GROUP Gregory Houston et al. 2135 **U.S. PATENT DOCUMENTS** SUBCLASS DOCUMENT NUMBER DATE NAME CLASS EXAMINER FILING DATE INITIAL IF APPROPRIATE HK 6,792,546 9/14/04 Shanklin et al. 713 HL6,816,973 11/9/04 Gleichauf et al. 713 1/4/05 Campbell et al. 713 HM 6,839,850 713 HN 2001/0034847 10/25/01 Gaul, Jr. НО 2002/0035698 3/21/02 Malan et al. 713 HP 2002/0083331 6/27/02 713 Krumel HQ 6/27/02 713 2002/0083334 Rogers et al. 713 HR 9/26/02 2002/0138753 Munson 713 HS 2002/0144156 10/3/02 Copeland, III 5/8/03 713 HT 2003/0088791 Porras et al. 713 HU 2003/0212903 11/13/03 Porras et al. HV2004/0010718 1/15/04 713 Porras et al. HW 6/9/87 714 4,672,609 Humphrey et al. 714 9/20/88 Tallman HX 4,773,028 HY 5,398,196 3/14/95 Chambers 714 FOREIGN PATENT DOCUMENTS TRANSLATION DOCUMENT NUMBER DATE COUNTRY NAME YES NO. **OTHER REFERENCES** (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

DATE CONSIDERED

EXAMINER

FORM PTO-1449, Adapted LIST OF INFORMATION DISCLOSED BY APPLICANT (Use several sheets if necessary) ATTY, DOCKET NO. SERIAL NO. FILING DATE 09/844,448 April 27, 2001 05456.105005 APPLICANT GROUP 2135 Gregory Houston et al. U.S. PATENT DOCUMENTS CLASS SUBCLASS EXAMINER DOCUMENT NUMBER DATE NAME FILING DATE IF APPROPRIATE INITIAL 714 HZ 5,440,723 8/8/95 Arnold et al. 714 9/19/95 Kephart IA 5,452,442 714 IΒ 5,649,095 7/15/97 Cozza Nachenberg et al. 714 IC 5,765,030 6/9/98 714 ID 5,964,889 10/12/99 Nachenberg 714 ΙE 12/21/99 Faigon et al. 6,006,016 714 IF 6,016,553 1/18/00 Schneider et al. 714 IG 6,021,510 2/1/00 Nachenberg 714 2/22/00 Kouznetsov ΙH 6,029,256 714 II 6,035,423 3/7/00 Hodges et al. 714 IJ 6,094,731 7/25/00 Waldin et al. 714 8/22/00 Boulay et al. ΙK 6,108,799 1/9/01 714 Slaughter et al. IL6,173,413 714 Gusler et al. IM 6,912,676 06/28/05 FOREIGN PATENT DOCUMENTS TRANSLATION DOCUMENT NUMBER DATE COUNTRY NAME NO. YES OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.) DATE CONSIDERED EXAMINER

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449, Adapted LIST OF INFORMATION DISCLOSED BY APPLICANT (Use several sheets if necessary) FILING DATE ATTY. DOCKET NO. SERIAL NO. 05456.105005 09/844,448 April 27, 2001 APPLICANT GROUP Gregory Houston et al. 2135 **U.S. PATENT DOCUMENTS** DOCUMENT NUMBER CLASS **EXAMINER** DATE NAME SUBCLASS FILING DATE INITIAL IF APPROPRIATE 714 IN 6,199,181 3/6/01 Rechef et al. 714 IO 6,230,288 5/8/01 Kuo et al. IP 6,314,525 11/6/01 Mahalingham et al. 714 6,324,656 11/27/01 Gleichauf et al. 714 IO 714 IR 6,601,190 7/29/03 Meyer et al. IS 2002/0032880 3/14/02 Poletto et al. 714 715 IT 9/26/95 Hartel et al. 5,454,074 715 IU 5/28/96 Records et al. 5,522,026 715 8/7/01 IV 6,271,840 Finseth et al. 715 IW 6,517,587 2/11/03 Satyavolu et al. ΙX 3/18/03 715 6,535,227 Fox et al. 717 ΙY 4,819,234 4/4/89 Huber ΙZ 5,590,331 12/31/96 Lewis et al. 717 6/30/98 Walsh et al. 717 JA 5,774,727 5,872,978 2/16/99 717 JB Hoskins FOREIGN PATENT DOCUMENTS TRANSLATION DOCUMENT NUMBER DATE COUNTRY NAME YES NO. OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.) DATE CONSIDERED **EXAMINER**

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

		LIST OF	INFOR		ON DISCLOSED eral sheets if necessary)	BY APPI	LICANT				
TTY. DOCE	CET NO).	SERIAL NO.		FILING DATE						
5456.1050	05		09/844,448	3	April 27, 2001						
PPLICANT					GROUP						
regory H	oustor	n et al.			2135	·					
KAMINER NITIAL		DOCUMENT NUMBER	DATE	U.S. PA	NAME	CLASS	SUBCLASS	FILING DATE			
	JC	5,950,012	9/7/99	Shiell et	al.	717					
	JD	6,118,940	9/12/00	Alexand	er, III et al.	717					
	JЕ	6,405,364	6/11/02	Bowmar	n-Amuah	717					
	JF	6,606,744	8/12/03	Mikurak		717					
	JG	6,397,242	5/28/02	Devine o	Devine et al.						
	JH	2002/0032717	3/14/02	Malan e	Malan et al.						
<u>.</u>	JI	6,477,585	11/5/02	Cohen e	t al.	719					
	JJ	6,721,806	4/13/04	Boyd et	al.	719					
_							-				
			T:	OPEICN	PATENT DOCUMEN	TC					
		DOCUMENT NUMBER	DATE	COUNT		NAME		TRANSLATION			
					iding Author, Title, Date	"	ges, Etc.)	YES NO.			

FORM PTO-1449, Adapted

TTY. DOCE	CET NO).	SERIAL NO.	-	FILING DATE	-				
5456.1050	005	:	09/844,448		April 27, 2001					
PPLICANT		· ·			GROUP					
Gregory H	ousto	s et al			2135			BOX	X1/4	
regory II	Ousto	i et ai:		U.S. PAT	ENT DOCUMENTS					
XAMINER INITIAL		DOCUMENT NUMBER	DATE		NAME	CLASS	SUBCLASS		ING DATE PROPRIATE	
			F(DREIGN P	ATENT DOCUMEN	NTS				
		DOCUMENT NUMBER	DATE	COUNTRY	<i>e</i>	NAME		TRANS	SLATION	
								YES	NO.	
	JK	WO 01/084285	11/08/01	PCT	Internet Sec	curity Systems,	Inc.			
	JL	WO 02/006928	01/24/02	PCT	vCIS, Inc.	vCIS, Inc.				
	JM	WO 00/054458	09/14/00	PCT	Psionic Sof	tware, Inc.				
	JN	WO 02/056152	07/18/02	PCT Psionic Soft		tware				
	lO	0 985 995	08/13/03	EP	Internation	al Business Mac	chines Corp.			
	JР	WO 93/25024	12/09/93	PCT	Cyberlock	Data Intelligenc	e, Inc.			
	JQ	WO 00/02115	01/13/00	PCT	PRC Inc.	PRC Inc.				
	JR	WO 99/00720	01/07/99	PCT	Telefonakt	Telefonaktiebolaget LM Ericsson				
	JS	WO 99/50734	10/07/99	PCT	AT&T Cor	AT&T Corporation				
	JT	WO 98/41919	09/24/98	PCT	PCT Trend Micro, Inc.					
	JU	WO 99/53391	10/21/99	PCT	Sun Micros	systems, Inc.				
	JV	0 636 977	05/23/01	EP	Chambers					
	JW	WO 99/15966	04/01/99	PCT	Symantec (Corporation				
					ing Author, Title, Dat					
	JX	Essex, David,	E-Sleuths M	lake Net Sa	fe for E-Commerce, C	Computerworld,	June 2000, pp	. 1-2		
	JY	Newman, Dav	id, Intrusion	Detection S	Systems, Data Commi	unications, 1998	, pp. 1-9			
	JZ	International S	earch Repor	rt for PCT/U	JS02/17161 of Decen	nber 31, 2002				
	KA				of Security Application		curity Manager	ment Para	digm	
XAMINE	:D				DATE	CONSIDERED				

FORM PTO-1	449, Ad		INFOR			SCLOSED BY	APPI	LICANT		
ATTY. DOC	KET NO).	SERIAL NO	•	FILING	GDATE				
05456.105	005		09/844,448	3	April	27, 2001				
APPLICANT					GROU	P			BOX 1/4	
Gregory H	lousto	n et al.			2135				BUX 1 / 4	
				U.S. PA	CENT D	OCUMENTS				
EXAMINER INITIAL		DOCUMENT NUMBER DATE			NAM	E	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
			F	OREIGN	PATEN	T DOCUMENTS				
			DATE	COUNTRY		NAM	Æ.		TRANSLATION YES NO.	
	1					thor, Title, Date, Pert				
	KB					Detection, Tracking ar 00, pp. 199-206	id Respor	ise, Darpa In	tormation	
	KC		Alves-Foss, J., An Overview of SNIF: A Tool for Surveying Network Information Flow, Network and Distributed System Security, 1995, pp. 94-101							
	KD		Mansouri-Samani et al., A Configurable Event Service for Distributed Systems Configurable Distributed Systems, 1996, pp. 210-217							
	KE	International	International Search Report for PCT/US01/13769 of March 8, 2002							
	KF	Jagannathan e Internet Citat				:: Next-Generation Int 082, pp. 1-66	trusion De	etection Expe	ert Systems (NIDES),	
	KG	Koilpillai, Ad	laptive Netv	vork Securit	y Mana	gement, DARPA NG	I PI Confe	erence, Octob	per 1998, pp. 1-27	
	KH	Hiverworld C	Continuous A	Adaptive Ris	sk Mana	gement, Hiverworld,	Inc., 1999	9-2000, pp. 1	-14	
	KI	International	Search Repo	ort for PCT/	/US02/0	4989of September 19	, 2002			
	KJ	International	Search Repo	ort for PCT/	/US02/0	2917 of August 8, 20	02			
	KK	International	Search Repo	ort for PCT/	/US03/0	0155 of May 15, 200	3			
	KL	NXI Commu	NXI Communications, Inc., White Paper, NTS Security Issues, October 15, 2001, pp. 1-12							
	KM					is, Proceedings of the 6-17, 1995, PP. 102-		um of Netwo	ork and Distributed	
	KN	Wobber et al. 12, No. 1, Fe			Taos Op	perating System, ACM	1 Transac	tions on Com	nputer Systems, Vol.	
EXAMINE	ER					DATE CONSII	DERED			
						conformance with MPE nunication to applicant.	EP 609; Dr	aw line throug	h citation if not in	

		LIST OF	INFOR			SCLOSED BY	Y APPI	LICANT			
ATTY. DOC	KET NO).	SERIAL NO	•	FILIN	G DATE					
05456.1056	005		09/844,448	3	April 27, 2001						
APPLICANT			02/01/1911		GROU						
Cmagany I	[augta	n at al			2135				BOX 1/4		
Gregory H	tousto	i et ai.		U.S. PA		OCUMENTS					
EXAMINER INITIAL		DOCUMENT NUMBER	DATE		NAM	E	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE		
			F	OREIGN	PATEN	T DOCUMENTS					
	DOCUMENT NUMBER			COUNT	RY	NA	ME		TRANSLATION YES NO.		
	, ,					thor, Title, Date, Per			<u> </u>		
	КО					kstation: A True Info 0, pp. 827-839	sec Produ	ct, 13 th Nation	nal Computer Security		
	KP	Dawson, Intru	awson, Intrusion Protection for Networks, Byte, April 1995, pp. 171-172								
	KQ	Buhkan, Chec	an, Checkpoint Charlie, PC Week Network, November 27, 1995, pp. N1, N6-N7								
	KR		Process Software Technical Support Page, found on http://www.process.com/techsupport/whitesec.html , printed off of the Process Software website on February 26, 2003, pp. 1-5								
	KS					esign, Proceedings In oc., 1994, pp. 99-10		iety Symposiu	nm on Network and		
	KT					dbook of Information oston and New York			Ed. Zella G.		
	KU					er II-4-4 of Handboo erbach, Boston and N					
	KV	Guha et al., N Solution, IEE				ngineering of TCP Co	ode: Vulne	erability Anal	ysis and Proposed		
	KW	Garg et al., H	igh Level C	ommunicat	ion Prin	nitives for Concurren	t Systems,	IEEE, 1988,	pp. 92-99		
	KX	Hastings et al	., TCP/IP S	poofing Fu	ndament	als, IEEE, May 1996	, pp. 218-	224			
	KY		Snapp, Signature Analysis and Communication Issues in a Distributed Intrusion Detection System, Master Thesis, University of California, Davis, California, 1991, pp. 1-40								
	KZ	Guha et al., N Solutions, IE				ngineering of TCP C	ode: Vulne	erability Anal	ysis and Proposed		
EXAMINE											

FORM PTO-1	449, Ada	apted							
:		LIST OF	INFOR	_ · _		SCLOSED BY	(APP	LICANT	
ATTY. DOC	KET NO).	SERIAL NO	•	FILING	G DATE			
05456.105	005		09/844,448	3	April	27, 2001			
APPLICANT	•				GROU	P •			BOX 1/4
Gregory H	lousto	n et al.			2135		-		
	1 1		1	U.S. PA	<u> TENT I</u>	OCUMENTS	1		
EXAMINER INITIAL		DOCUMENT NUMBER	DATE		NAM	E	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	1 1		<u> </u>	OREIGN	PATEN	T DOCUMENTS			TTD A NOVA TYON
		DOCUMENT NUMBER	DATE	COUNTI	RY,	NAI	ME		TRANSLATION YES NO.
		OTHER	REFEREN	CES (Inclu	ding Au	thor, Title, Date, Per	tinent Pag	es, Etc.)	TES NO.
	LA	Djahandari et	al., An MB	one for an A	Applicat	ion Gateway Firewal	I, IEEE, N	lovember 199	97, pp. 72-81
	LB					vironment: A Case St University of Alabam			Network Layer
	LC	Satyanarayana Vol. 7, No. 3,				rge Distributed System	n, Acm T	ransaction on	Computer Systems,
	LD					ogation and Reporting nterrey, California, So			
	LE					Netscape and Beyon 8, 1996, Oakland, Ca			1996 IEEE
	LF					nalysis Tool," Procee 94, Orlando, Florida,			al Computer Security
	LG		"USENIX	•	_	e: An Ongoing Respo dings, UNIX Security			
	LH		erence on C	computers a		Diagnostic and Obsermunications, 1990 Co			
:	LI					in an Open Networki nterrey, California, So			
	LJ	Burchell, Jona	athan, "Vi-S	SPY: Univer	rsal NIM	1?" Virus Bulletin, Ja	nuary 199	95, pp. 20-22.	
y/	LK					Objects in a Trusted erence, October 10-1			er Architecture," 18 th aryland, pp. 83-99.
EXAMINE	ER					DATE CONSI	DERED	<u> </u>	
		nitial if reference considered. Include						aw line through	n citation if not in

FORM PTO-1	449, Ad	apted								
		LIST OF	INFOR			SCLOSED BY	(APP)	LICANT		
ATTY. DOC	KET NO).	SERIAL NO	•	FILING	G DATE				
05456.105	005		09/844,448	8	April	27, 2001				
APPLICANT					GROU	P		,	вох	1/4
Gregory H	Iousto	n et al.			2135				DUA	1/4
				U.S. PA	·	OCUMENTS				
EXAMINER INITIAL		DOCUMENT NUMBER	DATE		NAM	E	CLASS	SUBCLASS	1	NG DATE ROPRIATE
			F	OREIGN	PATEN	T DOCUMENTS			,	
		DOCUMENT NUMBER	DATE	COUNTI	RY	NAM	ИE		TRANSI	ATION
	!	OTHER	DEFEDEN	CES (Inclu	dina Au	thor, Title, Date, Peri	tinant Da	ras Eta l	YES	NO.
 	LL					Trusted Netware," 18			n Systems S	Security
						, Maryland, pp. 455-4				
	LM		9th National			ent of a Secure Netwo				
	LN					etection System) - Mo Conference, October				
	LO	Broner et al., Review, Volu				ut/Output Processing p. 10-26.	for Opera	ating Systems	," Operatin	g Systems
	LP	Drews et al., Computing,				Software Distribution 9, 91-95.	Can Mak	te You A Her	o," Networ	k
	LQ	Morrissey, Pe	eter, "Walls,	" Network	Comput	ing, February 15, 199	6, pp. 55	-59, 65-67.	. 1 () -	
	LR	Harlander, D	r. Magnus, '	'Central Sys	stem Ad	ministration in a Hete	rogenous	Unix Enviro	nment: GeN	NUAdmin,"
		Proceedings of Diego, California			dminist	ration Conference (Li	ISA VIII)	, September 1	19-23, 1994	, San
	LS		Ninth Syst			rkstations on Saturda Conference LISA '9				
	LT					chine Configuration Stember 19-23, 1994,				n Systems
	LU					the '90s," Proceeding , Long Beach, Califo			Administra	ation
EXAMINI	ER					DATE CONSI	DERED			
		Initial if reference consi not considered. Includ						aw line throug	h citation if	not in

FORM PTO-14	449, Ada	pted							
		LIST OF	INFOR			SCLOSED BY ets if necessary)	APPI	LICANT	
ATTY. DOCI	KET NO		SERIAL NO		FILIN	G DATE	· · ·		
05456.1050	005		09/844,44	8	April	27, 2001			
APPLICANT					GROU				
Gregory H	(austa n	net al			2135				BOX 1/4
Gregory II	Ouston	ct ai.		U.S. PA		OCUMENTS			
EXAMINER INITIAL		DOCUMENT NUMBER	DATE		NAM	ΙE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
			I	OREIGN	PATEN	IT DOCUMENTS			
		DOCUMENT NUMBER	DATE	COUNT	RY	NAM	ИE		TRANSLATION
		OTHER	DEFEDEN	CFS (Inclu	dina Au	thor, Title, Date, Peri	tinent Pac	ras Ftc)	YES NO.
- / "	LV	Vangala et al	., "Software	Distributio	n and M	Ianagement in a Netwo	orked Env	vironment," P	
	LW					of Tripwire: A File Sons Security, November			
	LX Winn Schwartau, "e.Security™-Solving 'Dumb Days' With Security Visualization," e-Security, Inc., Naples, FL 34103, 2000.								
	LY					n e-Security Platform Visions, Inc., 1999.	гм: Vendo	or-Independer	nt Central Management
	LZ					nagement: Delivering torrow," e-Security, Ir			ed, centrally Managed 1999.
	MA	"e.Security	M-Vision," e	-Security, I	nc., Nap	oles, FL, 1999.			
	MB	"e.Security™	-Administr	ator Workb	ench™,	" e-Security, Inc. Nap	oles, FL, 1	999.	
	МС	"e.Security™	-Fact Sheet	," e-Securit	y, Inc., l	Naples, FL, 1999.			
	MD	"e.Security™	^r -Open e-Se	curity Platfo	orm™,"	e-Security, Inc. Naple	es, FL, 19	99.	
	ME	Babcock, "E	-Security Ta	ckles The E	Enterpris	se," July 28, 1999; <u>Int</u>	er@ctive	Week, www.	Zdnet.com.
	MF	Kay Blough,	"In Search	of More-Se	cure Ext	tranets," November 1,	1999, wv	ww.Informatio	onWeek.com
	MG	Paul H. Desr www.softwar			f Your S	Security Tools," Softw	are Maga	zine and Wie	esner Publishing,
	МН	Kay Blough,	"Extra Step	s Can Prote	ect Extra	inets," November 1, 1	999, wwv	v. Information	nWeek.com
EXAMINI				-		DATE CONSI			
						conformance with MPI munication to applicant.		aw line throug	h citation if not in
Comorman	ice and	not considered. Includ	o copy or un	2 TOTHE WITH I	.vac com				

FORM PTO-1	449, Ada	pted							
		LIST OF	INFOR			SCLOSED BY	APPI	LICANT	
ATTY. DOC	KET NO		SERIAL NO		FILING	DATE			
05456.105	005		09/844,44	8	April	27, 2001			
APPLICANT	ľ				GROU	P			BOX 1/4
Gregory H	Ioustor	ı et al.			2135				DUX 1 / 4
				U.S. PA	CENT D	OCUMENTS			
EXAMINER INITIAL		DOCUMENT NUMBER	DATE		NAM	E	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
				FOREIGN	PATEN	T DOCUMENTS	****		
		DOCUMENT NUMBER	DATE	COUNT	RY	NAM	Œ		TRANSLATION
	<u> </u>	OTHER	REFEREN	CES (Inclu	ding Au	thor, Title, Date, Pert	inent Pag	ies Etc.)	YES NO.
	MI		oftware pro						ackers attack," Florida
	MJ	Scott Weiss,	'Security St	rategies - E	-Security	y, Inc.," product brief	, Hurwitz	Group, Inc.,	March 24, 2000.
	MK Sean Adee, CISA, "Managed Risk, Enhanced Response -The Positive Impact of Real-Time Security Awareness," Information Systems Control Journal, Vol. 2, 2000								
	ML	"Reprint Rev West Coast P			•	Portal - Open e-Secui	ity Platfo	rm Version 1	.0", February 2000,
	MM					d, Automated, and Ces, FL 34102, 1999	ntralized	Enterprise Se	curity Management
	MN	Ann Harrison 34, No. 8, Fra			egrated	Security Helps Zap B	ugs," Feb	. 21, 2000, C	omputerworld, Vol.
	МО	Shruti Daté, ' Newsweek B				ally Monitor Its Systegen.com.	ms For In	trusions," Ap	ril 3, 2000, Post-
	MP	e.Security TM 14, 2000.	, website pa	ges (pp 1-8.	3), www	esecurityinc.com, e-	Security, 1	Inc., Naples,	FL 34103, September
	MQ	Peter Somme Kingdom.	r, "Intrusion	Detection	Systems	as Evidence," Comp	uter Secu	rity Research	Centre, United
	MR	Musman et al Conference a				Adaptive Response 70, pp. 56-68	Γool, DA	RPA Informa	tion Survivability
	MS	Gibson Resea grc.com/defa				hields Up! - Internet (a, 2000	Connectio	n Security A	nalysis,
EXAMINI	ER					DATE CONSII	DERED		
						conformance with MPE nunication to applicant.	EP 609; Dr	aw line throug	h citation if not in

		LIST OF	INFOR	_		SCLOSED BY ts if necessary)	APPI	LICANT			
ATTY. DOCK	ET NO		SERIAL NO.		FILING	DATE					
05456.1050	05		09/844,448	3	April	27, 2001					
APPLICANT					GROUI				DOY 4 / 4		
Gregory H	austan	ı et al			2135				BOX 1/4		
Gregory II	ouston	ictai.		U.S. PA		OCUMENTS					
EXAMINER INITIAL		DOCUMENT NUMBER	DATE		NAMI	3	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE		
			F	OREIGN	PATEN	T DOCUMENTS					
		DOCUMENT NUMBER	DATE	COUNT	RY	NAM	ſE		TRANSLATION		
		OTHED	DEFEDEN	CES (Inclu	dina Au	thor, Title, Date, Pert	inent Par	res Etc.)	YES NO.		
	МТ	Rouse et al., I	Design and I	Evaluation of	of an On	board Computer-Base ics, Vol. SMC-12, No.	d Inform	ation System			
	MU	Hammer, And Man, and Cyb	Intelligent F pernetics, Vo	light-Mana ol. SMC-14	gement, No. 6,	Aid for Procedure Ex November/December	ecution, l 1984, pp	EEE Transac b. 885-888	ctions on Systems,		
	MV		Mann et al., Analysis of User Procedural Compliance in Controlling a Simulated Process, IEEE Transactions on Systems, Man, and Cybernetics, Vol. SMC-16, No. 4, July/August 1986								
	MW	Todd, Signed API Can Help 1-5	and Deliver you Secure	red: An Intre e your Code	oduction e, Javawo	n to Security and Authorld, Web Publishing	nentication Inc., Sai	n, Find Out I n Francisco, I	How the Jave Security December 1, 1998, pp.		
	MX	Arvind, Secur /October 1999		orm, Associa	ation for	Information and Ima	ge Mana	gement, Silve	r Spring, September		
	MY	Stevens, TCP	/IP Illustrate	ed, Vol. 1,	1994, pp	. 247					
	MZ	Lee et al., A (Conference of				on the Internet, IEEE	, 30 th Anı	nual Hawaii I	nternational		
	NA	Cutler, Inside	Windows N	NT, 1993, N	Aicrosof	Press		-			
	NB	Duncan, Adva	anced MS-D	Oos, 1986, I	Microsof	t Press					
	NC	McDaniel, IB	M Dictiona	ry of Comp	outing, 19	994, International Bu	siness Ma	chines Corpo	oration		
	ND	Burd, System	s Architectu	ıre, 1998, C	Course T	echnology, Second E	lition				
	NE	Programmer's	s Guide Pov	werJ, 1997,	Sybase						
									10101		
EXAMINE						DATE CONSIL					
		initial if reference considered. Include					EP 609; Di	raw line throug	h citation if not in		

FORM PTO-144			INFOR	_		SCLOSED BY s if necessary)	(APP)	LICANT		
ATTY. DOCKE	ET NO.	.	SERIAL NO		FILING	DATE				
05456.10500)5		09/844,448	8	April 2	7, 2001				
APPLICANT		<u> </u>	,		GROUP	,				
Gregory Ho	uston	et al.			2135			-	BOX 1/4	
Gregory 110				U.S. PA		OCUMENTS		<u>-</u>		
EXAMINER INITIAL		DOCUMENT NUMBER	DATE		NAME		CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
			F	OREIGN	PATENT	DOCUMENTS				
		DOCUMENT NUMBER	DATE	COUNTI	RY	NAN	Æ		TRANSLATION YES NO.	
						or, Title, Date, Peri				
I	NF					fication of computer irus Bulletin Confer			oehavior patterns,	
]	NG	Advanced Vi Network Ass				Next Millennium, Ap. 1-14	August 19	999, Network	Associates, A	
NH Enterprise-Grade Anti-Virus Automation in the 21 st Century, June 2000, Symantec, Technology Brief, pp. 1-17										
1	NI					une System, 1997, Rers/kephart/VB97, pp		from Internet,	URL:	
1	NJ					bruary 2000, Retrie 20000426S0006, pp		Internet, URI	L:	
1	NK	Understandir XXX, pp. 1-		ging Polym	orphic Vi	ruses, 1996, Syman	tec, The S	Symantec Ent	erprise Papers, Vol.	
]	NL	Gong, JavaT 1-62	M Security A	Architecture	(JDK1.2), October 2, 1998,	Sun Micr	osystems, Inc	., Version 1.0, pp. i-iv.	
]	NM					mber 3, 1998, Retrie http://softworksltd.c				
I	NN	Kephart, A B	Biologically I	Inspired Imi	mune Sys	tem for Computers,	1994, Ar	tificial Life IV	/, pp. 130-139	
]	NO	International	Search Repo	ort for PCT/	/US01/26	804 of March 21, 20	002			
]	NP	Kosoresow e 1997	t al., Intrusic	on Detection	n via Syst	em Call Traces, IEE	E Softwa	re, pp. 35-42	September/October	
	NQ	Veldman, He 76, Septembe		Virus Tech	nology, P	roceedings, 3 rd Inter	national '	Virus Bulletir	Conference, pp. 67-	
EXAMINER	. 1					DATE CONSII	DERED			
		nitial if reference consi					P 609; Dr	aw line throug	n citation if not in	

FORM PTO-1	449, Ada		INFOR			SCLOSED BY	APP	LICANT	·
ATTY. DOC	KET NO	·	SERIAL NO		FILING	DATE			
05456.105	005		09/844,44	8	April	27, 2001			
APPLICANT					GROUI				
Gregory H	loustor	retal.			2135				BOX 1/4
Gregory II	- Custoi			U.S. PA		OCUMENTS			
EXAMINER INITIAL		DOCUMENT NUMBER	DATE		NAMI	€	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
			I	OREIGN	PATEN	T DOCUMENTS		L	
		DOCUMENT NUMBER	DATE	COUNT	RY	NAM	Æ.		TRANSLATION
		OTHER		CEC (I I	1: 4	I T'd D O	n	E. \	YES NO.
	NR		derstanding	Heuristics		hor, Title, Date, Peri ec's Bloodhound Tec		·	hite Paper Series, Vol.
	NS		the require	ments for the		Polymorphic Compte Master of Science is			ubmitted in partial Iniversity of California
	NT	Microsoft P-C us/dnarvc/htm				nicrosoft.com/archive April 1992	/default.a	sp?url=/archi	ve/en-
	NU	DJGPP COFF	Spec, http	://delorie.co	m/djgpp	/doc/coff/, pp. 1-15,	October 1	1996	
	NV	Natvig, Sandb	oox Techno	logy Inside	AV Scar	nners, Virus Bulletin	Conferen	ce, Septembe	r 2001, pp. 475-488
	NW	file://c:/docun	nents%20ar	nd%20settin	gs\7489\	nating new computer local%20settings\ten bsite December 27, 2	porary%		
	NX	International S	Search Rep	ort for PCT	/US01/1	9142 of January 17, 2	2003		
	NY	Using the Can	nNet BBS I	FAQ, http://	www.ca	m.net.uk/manuals/bbs	sfaq/bbsfa	<u>ıq.htm</u> , Janua	ry 17, 1997.
	NZ	Express Store bfs.ucsd.edu/r				ssing ESOS through t 3, 1996.	he Netwo	ork", <u>http://w</u> v	vw-
	OA	NASIRE, NA	SIRC Bulle	tin #94-10,	http://cs	-www.ncsl.nist.gov/s	ecalert/na	ısa/nasa9410.	txt, March 29, 1994.
	ОВ	Packages in th 1997.	ne net direc	tory, <u>http://l</u>	inux4u.j	inr.ru/usoft/WWW/w	ww_debi	an.org/FTP/n	et.html, March 20,
	OC	Sundaram, Ar www.acm.org				ction, Copyright 1996, pp. 1-12	5, publish	ed at	
EXAMIN	ER					DATE CONSIL	DERED		
EXAMIN	ER: I	nitial if reference consid				conformance with MPE	P 609; Dr	aw line through	n citation if not in
conforman	ce and	not considered. Include	copy of this	form with n	ext comn	nunication to applicant.			

		LIST OF	INFOR		ON DISCLE eral sheets if necessity	-	APPI	LICANT	
ATTY. DOCK	ET NO	·	SERIAL NO	•	FILING DATE				
05456.1050	05	•	09/844,448	3	April 27, 2001				
APPLICANT			,		GROUP				DOT 4.4
Gregory H	oustor	ı et al.			2135				BOX 1/4
<u> </u>	<u></u>			U.S. PA	TENT DOCUM	ENTS			.,
EXAMINER INITIAL		DOCUMENT NUMBER	DATE		NAME		CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
			F	OREIGN	PATENT DOCU	JMENTS			
		DOCUMENT NUMBER	DATE	COUNTI	RY	NAM	МЕ		TRANSLATION
		OTHER	REFEREN	CES (Inclu	ding Author, Titl	e Date Per	tinent Pac	es Ftc)	YES NO.
	OD	Samfat, IDA in Communi	MN: An Intr cations, Vol.	usion Detect 15, No. 7,	etion Architecture September 1997,	for Mobile pp. 1373-13	Networks 80	, IEEE Journa	l on Selected Areas
	OE				e and Native Cod /kb/articles/Q229				
	OF	International	Search Repo	ort for PCT	/US99/29117 of l	May 2, 2000			
			<u>-</u>			<u>.</u>			
									
						- <u></u>			
						· · · · · · · · · · · · · · · · · ·			
	R					ATE CONSII			

TTY. DOCI	ZET NO		CEDIAL NO			ets if necessary)						
		•	SERIAL NO.			FILING DATE						
)5456.1050 APPLICANT			09/844,448		April GROU	27, 2001 P						
									BOX	(1/4		
Gregory H	loustor	et al.		U.S. PAT	2135 TENT D	OCUMENTS						
XAMINER INITIAL		DOCUMENT NUMBER	DATE		NAM		CLASS	SUBCLASS		ING DATE ROPRIATE		
			F	OREIGN I	PATEN	T DOCUMENTS		1				
		DOCUMENT NUMBER	DATE	COUNTR	RY	NAM	Æ		TRANS YES	LATION NO.		
	OG	WO 99/13427	3/18/99	PCT		MCI Worldcom,	Inc.		1123	110.		
	ОН	WO 99/57626	11/11/99	PCT		Acquis Technolog						
	OI	WO 00/10278	2/24/00	PCT		Cryptek Secure C		ations, LLC				
	OJ	WO 00/25214	5/4/00	PCT		Securecoft, Inc.						
	ок	WO 00/25527	5/4/00	PCT			ktiebolaget LM Ericsson					
	OL	WO 00/34867	6/15/00	PCT		Network Ice Corp						
	OM WO 02/101516 12/19/02			PCT		Intruvert Network	s, Inc.					
		OTHER	REFERENC	CES (Includ	ding Au	thor, Title, Date, Peri	inent Pag	ges, Etc.)				
												
							-					
	<u> </u>									-		
				ų.	_			-				
								-				
										<u> </u>		
								·				
EXAMINE			, , ,			DATE CONSII conformance with MPE		- · · · · · · · · · · · · · · · · · · ·				

		LIST OF	INFOR			SCLOSED BY ts if necessary)	(APP	LICANT	
ATTY. DOCI	KET NO		SERIAL NO		FILING	DATE			
05456.1050	005		09/844,448	8	April	27, 2001			
APPLICANT					GROUI				
Gregory H	oustor	n et al			2135				BOX 2 / 4
Gregory II	oustor	i ct aii		U.S. PA		OCUMENTS			
EXAMINER INITIAL		DOCUMENT NUMBER	DATE		NAM	E.	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
			F	OREIGN	PATEN	T DOCUMENTS			
		DOCUMENT NUMBER	DATE	COUNT	RY	NAI	ме 		TRANSLATION YES NO.
	· · · · · · · · · · · · · · · · · · ·					thor, Title, Date, Per	tinent Pag	ges, Etc.)	
	ON	Nordin, U of	MN OIT Se	curity and A	Assuranc	e, February 9, 2000			
	00	Internet Secu August 8, 200			e SitePr	otector, SAFEsuite I	Decisions (o SiteProtecto	or Migration,
	ОР	Internet Secu	rity Systems	, SAFEsuit	e Enterp	rise, SAFEsuite Deci	sions, 199	98	
	OQ Internet Security Systems, SAFEsuite Enterprise, Recognizing the Need for Enterprise Security: An Introduction to SAFEsuite Decisions, August 1998, Pages 1-9								ecurity: An
	OR	Internet Secu Pages 1-10	rity Systems	s, SAFEsuit	e Decisio	ons 2.6, Frequently A	sked Que	stions, Februa	ary 21, 2001,
	os	Internet Secu	rity Systems	s, SAFEsuit	e Decisio	ons Version 1.0, Use	r's Guide,	1998, Pages	1-78
	OT					abling Responses to A o Park, CA, October			oances, Computer
	OU	Cisco System	ıs, Empowei	ring the Inte	rnet Ger	neration, 1998	.,		
	OV	Messmer, Stabin/mailto/x/a				E, Network World F	usion, http	o://www.nwfu	sion.com/cgi-
	ow	Client?, 1998	8-1999, Page	es 1-2,		How Your Product C			er with a VPN t/kb/q000003/default
	ОХ	Yasin, Start-1 May 5, 1999		work Intrud	lers on Id	ee, http://www.intern	etweek.co	m/story/INW	19990505S0001,
EXAMIN						DATE CONSI			
		nitial if reference consi not considered. Includ						aw line through	n citation if not in

				 _					
ATTY. DOCKET N	0.	SERIAL NO.	•	FILING DATE					
05456.105005		09/844,448	3	April 27, 2001					
APPLICANT				GROUP			•	BOX 2 / 4	
Gregory Housto	on et al.			2135					
	1	1	U.S. PA	TENT DOCUM	ENTS	1			
EXAMINER INITIAL	DOCUMENT NUMBER	DATE		NAME		CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
		F	OREIGN	PATENT DOC	UMENTS				
	DOCUMENT NUMBER	DATE	COUNTI	RY	NAM	⁄Œ		TRANSLATION YES NO.	
1	OTHER	REFEREN	CES (Inclu	ding Author, Tit	le, Date, Peri	inent Pag	ges, Etc.)	TES NO.	
OY				p://nwfusion.com				, Pages 1-2	
OZ				Wares, April 23					
PA				rs, May 26, 1999 ml?articleID=188					
PB	Internet Security Systems, I've Been Attacked! Now What?, August 27, 1999, http://www.iss.net/security_center/advice/Support/KB/q000033/default.htm , Pages 1-2								
PC	Internet Secu http://www.is	rity Systems ss.net/securit	, What is the center/ac	ne Format of "At dvice/Support/KI	tack-List.CS\ 3/q000018/de	V"?, Augi efault.htm	ist 21, 1999, , Pages 1-2		
PD				nerald to Date, Aj Santa Clara, Cal			SENIX Work	shop on Intrusion	
PE		EST), May 9	9-12, 1999,	and Network M Proceedings of t					
PF				ttacks for the Evesearch Projects			Detection System	ems, June 1999,	
PG	Neumann, C Pages 1-11	omputer Sec	urity and th	ne U.S. Infrastruc	ture, Noveml	ber 6, 199	7, Congressio	onal Testimony,	
PH	Porras et al., Distributed S traffic.html,	Systems Secu	Analysis of	f TCP/IP Gatewans Symposium, M	ys, Novembe Iarch 1998, h	er 10, 199 http://www	7, Internet So v.sdl.sri.com/	ciety's Networks and projects/emerald/live	

FORM PTO-1	449, Ada	apted								
		LIST OF	INFOR	_		SCLOSED BY	APP	LICANT		
ATTY. DOC	KET NO).	SERIAL NO		FILING	DATE				
05456.105	005		09/844,448	8	April 2	27, 2001				
APPLICANT	ľ				GROUP				BOX 2 / 4	
Gregory H	Iousto	n et al.			2135				BUX 2 / 4	
			1	U.S. PA	TENT D	OCUMENTS	T .			
EXAMINER INITIAL		DOCUMENT NUMBER	DATE		NAMI	C	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
			F	FOREIGN	PATEN'	T DOCUMENTS			TRANSLATION	
		DOCUMENT NUMBER	DATE	COUNT	RY	NA	ME		YES NO.	
		OTHER 1	REFEREN	CES (Inclu	iding Aut	hor, Title, Date, Per	tinent Pag	ges, Etc.)	1120 1101	
	PI	Raynaud et al Integrated Ne	., Integrated twork Mana	l Network Nagement, Pa	Managem ages 1-2 a	ent IV, 1995, Proceed and 5-16	edings of	the 4 th Interna	tional Symposium on	
_	PJ					Activity in a Netwo shington, D.C., Page			ober 1-4, 1991, 14 th	
	PK	PK Ko et al., Execution Monitoring of Security-Critical Programs in Distributed Systems: A Specification-Based Approach, 1997, Proceedings of the 1997 IEEE Symposium on Security and Privacy, Pages 175-187								
	PL					System Using Autor y, West Lafayette, Ir			cal Report No.	
	PM	Mansouri-Sar	nani et al., l	Monitoring	Distribut	ed Systems, Novem	ber 1993,	IEEE Networ	k, Pages 20-30	
	PN	Jakobson et a	l., Alarm Co	orrelation, l	Novembe	r 1993, IEEE Netwo	ork, Pages	52-59		
	РО	Anderson et a International,			trusion D	etection Expert (NII	DES), A S	ummary, May	1995, SRI	
	PP	Standard for	Software Di	istribution,	October (ancements in Version 5, 1997, Press Releas nK1m2QoJ:www.ve	ses, Pages	1-4,		
	PQ					Crying Wolf, Secun 021.html, Pages 1-3		ate: Silence F	alse Alarms, April 9,	
	PR					Reports Record Re elivery/prdetail.jsp?t			for Second Quarter, 515, Pages 1-5	
	PS	LaPadula, Sta Pages 1-15	nte of the Ai	rt in CyberS	Security N	Monitoring, A Supple	ement, Se	ptember 2001	, Mitre Corporation,	
EXAMIN	ER					DATE CONSI	DERED			
		Initial if reference considered. Includ						aw line through	n citation if not in	
Comorma	ice and	not considered. Includ	o copy or un.	S TOTAL WITH I		cacion to apprount	•			

						cLOSED B		. —		
ATTY. DOC	KET NO).	SERIAL NO		FILING I	DATE				
05456.105	005		09/844,448	3	April 27	7, 2001				
APPLICANT					GROUP					
Gregory E	[ovetor	n at al			2135				BOX 2/4	
Gregory I.	Loustoi	i ct ai.		U.S. PA	·	CUMENTS				
EXAMINER INITIAL		DOCUMENT NUMBER	DATE		NAME		CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
			F	OREIGN	PATENT	DOCUMENTS				
		DOCUMENT NUMBER	DATE	COUNT	RY	N/	AME		TRANSLATION	
		OTHER		OFC // I	* A .*	Tid D . D	.: . D	E. \	YES NO.	
	DT					or, Title, Date, Pe			onto Tuno 11 1000	
	PT	Purdue Unive	rsity, West	Lafayette, I	ndiana, Pa		-	_	ents, June 11, 1998,	
	PU					System Using Auto Lafayette, Indiana,			ry 15, 1995, Technical	
	PV					Using Autonomouse, Indiana, Pages 1		March 11, 199	4, Technical Report	
	PW	Denning, An I SE-13, No. 2,			odel, Febru	uary 1987, IEEE T	ransaction	s on Software	Engineering, Vol.	
	PX	Lunt, A Surve	y of Intrusi	on Detection	n Technic	jues, 1993, Compu	iters & Sec	eurity, 12 (199	93), Pages 405-418	
	PY	Porras et al., I 220-229	Penetration	State Trans	ition Anal	ysis A Rule-Based	Intrusion	Detection Ap	proach, 1992, Pages	
	PZ	Javitz et al., T California, SR				t: Description and	Justification	on, SRI Intern	ational, Menlo Park,	
	QA	Lindqvist et a Toolset (P-BF				ork Misuses Thro -20	ugh the Pro	oduction-Base	ed Expert System	
	QB		al., The SRI IDES Statistical Anomaly Detector, SRI Internationa, Menlo Park, California, May 199 mposium on Security and Privacy, Pages 1-11							
	QC	Porras et al., I California, Pa		Analysis o	f TCP/IP	Gateways, Novem	ber 10, 199	97, SRI Intern	ational, Menlo Park,	
EXAMINI	ER					DATE CONS	IDERED			

FORM PTO-1	449, Ada		INFOR			SCLOSED BY	APP	LICANT		
i.				(Use seve	rai she	ets if necessary)				
ATTY. DOC	KET NO	0.	SERIAL NO		FILIN	G DATE				
05456.105	005		09/844,448	3	April	27, 2001				
APPLICANT	7				GROL	P			BOX	2/4
Gregory H	loustor	n et al.			2135				DUA .	214
		-		U.S. PA	TENT I	DOCUMENTS				
EXAMINER INITIAL		DOCUMENT NUMBER	DATE		NAME CLASS SUBCLASS				FILING DATE IF APPROPRIATE	
			F	OREIGN	PATEN	T DOCUMENTS				
		DOCUMENT NUMBER	DATE	COUNT	RY NAME				TRANSLA YES	NO.
		OTHER I	REFEREN	CES (Inclu	ding Au	thor, Title, Date, Pert	inent Pag	ges, Etc.)		-
	QD					P Gateways, Decembe ymposium on Network				
	QE					Design Laboratory: Pms/intrusion/, June 17.			ection, SRI	
	QF Lindqvist et al., eXpert-BSM: A Host-based Intrusion Detection Solution for Sun Solaris, SRI International Menlo Park, California, December 10-14, 2001, Proceedings of the 17 th Annual Computer Security Applications Conference, Pages 1-12								ational,	
	QG	Almgren et al. International,				Collection for Security 1-15	y Monitor	ring, October	10-12, 2001	, SRI
	QH	Debar et al., R Research, Swi			rised Ta	xonomy for Intrusion-	Detection	n Systems, Oc	ctober 25, 19	999, IBM
	QI			_		abling Responses to A o Park, CA, Decembe			pances, Com	puter
	QJ					rre, Pages 1-14, 7/iss.net/prod/rs_faq.h	tml, May	30, 1997		00
	QK	Cisco Systems	s, Inc., Emp	owering the	Intern	et Generation, 1998.				
	QL	Internet Secur 1997.	ity Systems	, Inc., Reals	Secure 1	Release 1.2 for UNIX,	A User (Guide and Re	ference Man	ual,
	QM	Internet Secur security, Janua			time at	tack recognition and re	esponse:	A solution for	tightening r	network
	QN	Internet Secur	ity Systems	, Inc., SAFI	Esuite I	Decisions User Guide,	Version	1.0, 1998, Pag	ges 1-78	
EXAMINE	ER					DATE CONSID	ERED			
		nitial if reference considered. Include				conformance with MPE	P 609; Dr	aw line through	citation if no	ot in

		LIST OF	INFOR			CLOSED BY if necessary)	APPI	LICANT			
ATTY. DOCI	KET NO		SERIAL NO		FILING I	ATE			· <u>-</u>		
05456.1050	005		09/844,448	8	April 27	, 2001					
APPLICANT					GROUP				DOY 2 / 4		
Gregory H	oustor	ı et al.			2135				BOX 2/4		
				U.S. PA		CUMENTS					
EXAMINER INITIAL		DOCUMENT NUMBER	DATE		NAME CLASS SUBCLASS FILING DATE IF APPROPRIATE						
			F	OREIGN	PATENT	DOCUMENTS					
		DOCUMENT NUMBER	DATE	COUNTI	RY	NAM	ИE		TRANSLATION		
		OTHER	REFEREN	CES (Inclu	ding Auth	or, Title, Date, Peri	tinent Pac	nes Ftc)	YES NO.		
	QO					or's Guide, Version			es 1-142.		
	QP	Debar, Herve	et al., A Ne	ural Netwo	rk Compo	nent for an Intrusio	n Detection	on System, 19	92, Pages 240-250.		
	QQ	SRI Internati 63.	SRI International, A Prototype IDES: A Real-Time Intrusion-Detection Expert System, August 1987, Page 63.								
	QR	SRI Internati 1985, Pages	onal, Requirements and Model for IDES-A Real-Time Intrusion-Detection Expert System, August-70.								
	QS	SRI Internati	onal, An Inti	rusion-Dete	ction Mod	el, November 1985	, Pages 1	-29.			
	QT					ction Tool, Proc. of Pages 99-108.	the 13 th N	National Com	puter Security		
	QU	Fox et al., A	Neural Netw	vork Approa	ach Towar	ds Intrusion Detect	ion, July 2	2, 1990, Page	s 125-134.		
	QV	Garvey et al.	, Model-Bas	ed Intrusior	Detection	n, October 1991, Pa	ges 1-14.		=		
	QW	Ilgun et al., S 199.	tate Transiti	on Analysis	s: A Rule-	Based Intrusion Det	tection Ap	pproach, Marc	ch 1995, Pages 181-		
								·			
EXAMINE	ER					DATE CONSIL	DERED				

LIST OF INFORMATION DISCLOSED BY APPLICANT

(Use several sheets if necessary)

ATTY. DOCKET NO.	SERIAL NO.	FILING DATE	
05456.105005	09/844,448	April 27, 2001	
APPLICANT		GROUP	
			BOX 2 / 4
Gregory Houston et al.	•	2135	

Gregory H	oustor	et al.		2135	OCCUPATENTIC							
				U.S. PATENT I	OCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAM		CLASS	SUBCLASS	FILING DATE IF APPROPRIATE				
	1 1		F	OREIGN PATEN	T DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	NAM	ME		TRANSLATION YES NO.				
		OTHER R	EFEREN	CES (Including Au	thor, Title, Date, Per	tinent Pag	ges, Etc.)					
	QX	Javitz et al., Tl	ne SRI IDE	S Statistical Anoma	aly Detector, May 19	91, Pages	1-11.					
	QY	SRI International, The NIDES Statistical Component Description and Justification, March 7, 1994, Pages 1-4										
	QZ	Karen, Oliver, PC Magazine, The Digital Doorman, November 16, 1999, Page 68.										
	RA	RA Liepins et al., Anomaly Detection: Purpose and Frameowrk, 1989, Pages 495-504.										
	RB	Lindqvist et al., Detecting Computer and Network Misuse Through the Production-Bases Expert System Toolset (P-BEST), October 25, 1998, Pages 1-20.										
	RC	Lunt, Teresa, A	Lunt, Teresa, A survey of intrusion detection techniques, 1993, Pages 405-418.									
	RD	Lunt, Teresa, A	Lunt, Teresa, Automated Audit Trail Analysis and Intrusion Detection: A Survey, October 1988, Pages 1-8.									
	RE	Porras et al., P 220-229.	Porras et al., Penetration State Transition Analysis A Rule-Based Intrusion Detection Approach, 1992, Pages 220-229.									
	RF	Sebring et al.,	Expert Sys	tems in Intrusion D	etection: A Case Stud	ly, Octobe	er 1988, Page	s 74-81.				
· · · · · · · · · · · · · · · · · · ·	RG	Shieh et al., A	Pattern-Or	iented Intrusion-De	tection Model and Its	Applicat	ions, 1991, P	ages 327-342.				
	RH	Smaha, Stephe	n, Haystac	k: An Intrusion Det	ection System, 1988.							
	RI		Snapp, Steven Ray, Signature Analysis and Communication Issues in a Distributed Intrusion Detection System, 1991, Pages 1-40.									
	RJ	Porras et al., E 1997, Pages 33		: Event Monitoring	Enabling Responses	to Anoma	lous Live Dis	sturbances, October				
EXAMINE	ER				DATE CONSII	DERED	·	···-				

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

LIST OF INFORMATION DISCLOSED BY APPLICANT

(Use several sheets if necessary)

ATTY, DOCKET NO. SERIAL NO.			SERIAL NO.	1	FILING DATE						
05456.1050	005		09/844,448		April 27, 2001						
APPLICANT		<u>_</u>	0,70,1,7,10	· · · · · · · · · · · · · · · · · · ·	GROUP						
Gregory H	louston	et al.			2135				BOX 2/4		
		-		U.S. PATE	NT DOCUME	NTS					
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	_	NAME CLASS SUBCLASS						
			F	OREIGN PA	TENT DOCU	MENTS					
		DOCUMENT NUMBER	DATE	COUNTRY		NAM	ME		TRANSLATION YES NO.		
	1	OTHER I	REFERENC	CES (Includin	g Author, Title,	Date, Peri	tinent Pag	ges, Etc.)			
	RK	Lunt et al., Kn	owledge-Ba	sed Intrusion	Detection, Mar	ch 1989, P	ages 102-	107.			
	RL	Lunt et al., An	Expert Sys	tem to Classif	y and Sanitize 7	Text, Decei	mber 198	7, Pages 1-5.			
	RM	Tener, William Investigation			he Age of Inform	mation, AI	& 4GL: A	Automated De	etection and		
	RN		Teng et al., Adaptive Real-time Anomaly Detection Using Inductively Generated Sequential Patterns, 1990, Pages 278-284.								
	RO	Vaccaro et al.	, Detection of	of Anomalous	Computer Sess	ion Activit	y, 1989, l	Pages 280-289	9.		
	RP	Winkler, J.R., 124.	A UNIX Pr	ototype for In	ntrusion and And	omaly Dete	ection in S	Secure Netwo	rks, 1990, Pages 115-		
	RQ	Boyen et al. T	ractable Info	erence for Co	mplex Stochasti	c Process,	July 24-2	6, 1998.			
	RR	Copeland, Ob	serving Net	work Traffic -	- Techniques to	Sort Out th	ne Good,	the Bad, and	the Ugly, 2000, Pages		
	RS	Goan, Terrand Evidence, July			e ACM, A Cop	on the Bea	t Collecti	ng and Appra	ising Intrusion		
	RT	Heberlein et a	l., A networ	k Security Mo	onitor, 1990, Pa	ges 296-30)4.				
	RU	Jackson et al.,	An Expert	System Appli	cations for Netv	vork Intrus	ion Detec	tion, October	1991, Pages 1-8.		
	RV Lankewicz et al., Real-Time An Pages 80-89.				maly Detection Using a Nonparametric Pattern Recognition Approach, 1991						

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in

conformance and not considered. Include copy of this form with next communication to applicant.

DATE CONSIDERED

3857089_1.DOC

EXAMINER

LIST OF INFORMATION DISCLOSED BY APPLICANT

(Use several sheets if necessary)

ATTY. DOCI	KET NO		SERIAL NO.		FILING	DATE					
05456.105	005		09/844,448	3	April	27, 2001					
APPLICANT					GROU	P			DO.		
Gregory H	[auctor	vet al			2135				BOX	X 2 / 4	
Gregory n	oustor	i et ai.		U.S. PA		OCUMENTS					
						000000000000000000000000000000000000000	}				
EXAMINER INITIAL		DOCUMENT NUMBER			NAME CLASS SUBCLASS FILING D IF APPROPR						
			F	OREIGN	PATEN	T DOCUMENTS					
!		DOCUMENT NUMBER	DATE	COUNT	TRY	NAM	ИE			SLATION	
		<u> </u>		<u> </u>					YES	NO.	
							-				
						thor, Title, Date, Peri					
	RW	Lippmann et Evaluation,		ng Intrusio	n Detect	ion Systems: The 199	8 DARP	A Off-line Inti	rusion Det	ection	
	RX	Munson et a	., Watcher:	The Missin	g Piece o	of the Security Puzzle	, Decemb	er 2001.			
	RY	Pearl, Judea	Probabilisti	c Reasonin	easoning in Intelligent Systems: Networks of Plausible Inference, September 1988						
	RZ	Porras et al.,	Live Traffic	affic Analysis of TCP/IP Gateways, December 12, 1997, Pages 1-13.							
	SA	EMERALD eval-estat/in				valuation Results, <u>htt</u> 15.	o://www.s	sdl.sri.com/pro	ojects/eme	erald/98-	
	SB	Staniford-Ch	en, GrIDS-A	A Graph Ba	sed Intru	usion Detection System	m for Lar	ge Networks,	October 1	996.	
	SC	Tener, Willi Pages 45-53		ry: An Exp	ert Syste	m in the Commercial	Data Sec	urity Environ	ment, Dec	ember 1986,	
	SD	Valdes et al.	, Adaptive, N	Model-Base	ed Monit	oring for Cyber Attac	k Detecti	on, 2000, Pag	es 1-19.		
	SE	SRI Internat	ional, Blue S	Sensors, Ser	nsor Cor	relation, and Alert Fu	sion, Octo	ober 4, 2000.			
	SF	Valdes et al. Pages 306-3		Methods for	r Compu	ter Usage Anomaly D	Detection	Using NIDES	, January	27, 1995,	
	SG	Wimer, Sco	t, The Core	of CylantSe	ecure, ht	p://www.cylant.com/	products/	core.html, 199	99, pages	1-4.	
	SH		A Hierarchi n, February		ly Netwo	ork Intrusion Detectio	n System	using Neural	Network		

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in

conformance and not considered. Include copy of this form with next communication to applicant.

DATE CONSIDERED

EXAMINER

LIST OF INFORMATION DISCLOSED BY APPLICANT

(Use several sheets if necessary)

ATTY. DOCKET NO. SERIAL NO. FILING DATE						DATE						
05456.1050	005		09/844,44	8	April	27, 2001						
APPLICANT Gregory H		ret al.			GROUI 2135				BOX 2/4			
EXAMINER INITIAL	Oustoi	DOCUMENT NUMBER	DATE		NAMI	3	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE			
INITIAL			. F	OREIGN	PATEN	T DOCUMENTS						
		DOCUMENT NUMBER	DATE	COUNTE	RY	NA	ме		TRANSLATION YES NO.			
	_	OTHER	REFEREN	CES (Includ	ding Aut	hor, Title, Date, Pe	rtinent Pag	ges, Etc.)				
	SI					1 Release Notes, duct/iaabu/csids/csi	ds3/nr2111	new.htm, June	10, 2003, pages 1-29.			
	SJ	Linux Weekl	y News, <u>httr</u>	o://lwn.net/1	998/091	Oshadow.html, Sept	ember 8, 1	998, pages 1-	38.			
	SK	Cracker Trac May 1998, p.		er Security w	vith Intru	ecsion Detection, htt	p://www.b	ovte.com/art/9	805/sec20/art1.htm,			
	SL	Cisco System	ns, Inc., New	tork RS: In	trusion I	Detection and Scann	ing with A	ctive Audit S	ession 1305, 1998.			
	SM		Business Security Advisor Magazine, Intrusion Detection Systems: What You Need to Know, http://advisor.com/doc/0527 , September 1998, pages 1-7.									
	SN					egrating Knowledge nes and Systems, 19			s, Multisensor			
	so	Power et al.,	CSI Intrusio	on Detection	System	Resource, July 199	8, pages 1	-7.				
	SP	Cisco Systen	ns, Inc., Netl	Ranger User	r's Guide	e Version 2.1.1, 199	8.					
	SQ	Internet Security, http					esponse: A	Solution for	Fightening Network			
	SR	Network ICE http://www.v 2004	Corporatio veb.archive.	n, Network org/web/200	ICE Pro 0110050	duct Documentation 80013/www.networ	n, Pages 1- kice.com/s	3, support/docum	nentation.html, July 6,			
	SS		Network ICE Corporation, Network ICE Documentation, Page 1, http://www.web.archive.org/web/19991109050852/www.networkice.com/support/docs.htm , July 6, 2004									
	ST					ss Releases, Page 1, 14428/www.netice.c		any/pressrelea	se/press.htm, July 7,			
EXAMIN						DATE CONS	·					
		nitial if reference consinot considered. Include						raw line through	n citation if not in			
contorman	ce and	not considered. Includ	ie copy or thi	5 IOIIII WIUI II	CAL COIM	numeation to applican						

ATTY. DOCK 05456.1050 APPLICANT	KET NO										
	456.105005 09/844.448					ATE					
APPLICANT	005		09/844,44	8	April 27, 2001						
					GROUP				DOW A / A		
Gregory H	ouston	ret al.			2135				BOX 2 / 4		
Gregory II				U.S. PAT	· · · · · · · · · · · · · · · · · · ·	CUMENTS		_			
EXAMINER INITIAL		DOCUMENT NUMBER	DATE		NAME		CLASS	SUBCLASS	FILING DATE IF APPROPRIATE		
			I	FOREIGN I	PATENT	DOCUMENTS					
		DOCUMENT NUMBER	DATE	COUNTR	RY	NAN	Œ.		TRANSLATION		
		 							YES NO.		
	L OT T					r, Title, Date, Pert	inent Pag	ges, Etc.)			
	SU					Releases, Page 1, 934/www.netice.co	m/compa	.ny/pressrelea	se/press.htm, July 7,		
	SV	Brentano et al. Security Grou	., An Archi p, 14 th Ann	tecture for I ual Confere	Distributed nce Procee	Intrusion Detection Edings, Pages (17)2	n System, 5-17(45),	, Department , May 1991	of Energy Computer		
	SW	Staniford-Che California, Da	n et al., Gri vis, Califor	IDS-A Grap rnia, 19 th Na	h Based In tional Info	trusion Detection S rmation Systems S	System fo ecurity Co	r Large Netwo	orks, University of 96, Pages 1-10		
	SX		roceedings	of the Confe					national, Menlo Park I System Modeling		
	SY	Porras et al., E International, I Pages 1-24	Emerald: Ev Menlo Parl	vent Monitor k, California	ring Enabli , 20 th Natio	ing Responses to A conal Information S	nomalous ystems Se	s Live Disturb curity Confer	pances, SRI rence, October 1997,		
	SZ	Porras et al., A Park, Californ				h to INFOSEC Ala	rm Corre	lation, SRI In	ternational, Menlo		
	TA	Phrack 55 Dov	wnload (23	4 kb, 1999-(09-09), <u>htt</u>	p://www.phrack.or	g/show.pl	np?p=55&a=9), Pages 1-6		
	ТВ	Porras et al., A Park, Californ				h to INFOSEC Ala	rm Corre	lation, SRI In	ternational, Menlo		
	TC	Bace, An Intro 1999, Pages 1-		Intrusion D	etection an	d Assessment for S	System an	d Network Se	ecurity Management,		
EXAMINE		nitial if reference consider				DATE CONSID					

							-				
ATTY. DOC	KET NO		SERIAL NO		FILING	DATE					
05456.105	005		09/844,44	8	April	27, 2001					
APPLICANT	Ī				GROUP BOX 2 / 4						
Gregory H	Ioustor	et al.			2135				BOA 27 4		
				U.S. PA	TENT D	OCUMENTS		,			
EXAMINER INITIAL		DOCUMENT NUMBER			NAM		CLASS	SUBCLASS	FILING DATE IF APPROPRIATE		
	1 1		<u> </u>	FOREIGN	<u>PATEN</u>	T DOCUMENTS	<u> </u>		TTD A NOV A TYON		
	;	DOCUMENT NUMBER	DATE	COUNT	RY		NAME		TRANSLATION		
		OTHER	REFEREN	CES (Inclu	ding Au	thor, Title, Date, I	Pertinent Pa	ges, Etc.)	YES NO.		
	TD	Hunteman, A	utomated In	formation S	System -	(AIS) Alarm System System Securit	m, Universi	ity of Califorr	nia, Los Alamos 97, Pages 1-12		
	TE		of the 12 th Ir	nternational		proach to Network op on Enabling Te			Prevention, e for Collaborative		
	TF http:	Innella, Intru //www.infosec.navy.				Navy Information and infosecprodsservice					
	TG					nergency Response coast_resources/ide					
	ТН					ction, SRI Interna C., March 1989, Pa			ornia, Conference on		
	TI	A. Informati	on Assurance	e BAA 98-3	34 Cover	Sheet, SRI Intern	ational, Nov	rember 1, 200	0, Pages 2-35		
	TJ	NetScreen P	roducts, FAC	Q, <u>http://ww</u>	w.netscr	een.com/products	/faq.html, Fe	ebruary 28, 20	003, Pages 1-6		
	TK					Your Existing Instr I, MA, April 2003		to Recognize	and Respond to		
	TL	Technology	Brief: Intrus	ion Detection	on for the	e Millennium, Inte	rnet Securit	y Systems, 20	00, Pages 1-6		
	TM		many, Proc.						ence, Siemens AG, on, D.C., October 1990		
	TN	Snapp et al., University o D.C., Octobe	f California,	Davis Calif	usion De fornia, , l	tection System) - ? Proc. 14 th Nationa	Motivation, Computer S	Architecture, Security Conf	and an Early Protype), erence, Washington,		
EXAMINI			· ·				SIDERED				

FORM PTO-1449, A	•	F INFOR			CLOSED I if necessary)	BY APP	LICANT	
ATTY. DOCKET N	NO.	SERIAL NO		FILING D	ATE			
05456.105005		09/844,448	3	April 27	, 2001			
APPLICANT				GROUP				DOY A / A
Gregory Houst	on et al.			2135				BOX 2/4
			U.S. PA	TENT DO	CUMENTS		-	
EXAMINER INITIAL	DOCUMENT NUMBE	CR DATE		NAME		CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
· · · · · · · · · · · · · · · · · · ·		F	OREIGN	PATENT	DOCUMENTS	-		
	DOCUMENT NUMBER	R DATE	COUNTI	RY	ì	IAME		TRANSLATION
	OTHE	R REFEREN	CES (Inclu	ding Autho	or, Title, Date, P	ertinent Pas	es. Etc.)	YES NO.
ТО	Internet Sec		, Inc., SAFI	Esuite Ente				Market Requirements
TP	Internet Sec	curity Systems	, SAFEsuite	e Decision	s, 2000, pp. 1-2			
TQ	Internet Sec pp. 1-63	curity Systems	, Dynamic '	Threat Pro	tection, Presse-F	loundtable,	Munich, Gern	nany, April 10, 2003,
TR	Internet Sec	curity Systems	, Prelimina	ry ODM 1	0 Functional Sp	ecification,	August 1997,	pp. 1-7
TS	TS Internet Security Systems, Inc., Scanner-ISSDK Interface, Design Specificat 1-7							2000, Draft 1.07, pp.
ТТ	RealSecure	, Adaptive Ne	twork Secu	rity Manag	ger Module Prog	rammer's R	eference Man	ual, pp. 1-74
TU	Advanced (Concept Techr	nology Dem	onstration	s (ACTD), 2005	, pp. 1-28		
TV	Frank, Sou	nding the Alar	m, Septemb	per 6, 1999	, Federal Comp	iter Week, p	p. 1-2	
TW	Crumb, Interpretation of Crumb, Interpretation		on Systems	to be Integ	grated at AFRL,	Air Force R	esearch Labor	ratory, News@AFRL,
TX		e Study: The 1 5-10, 1999, Ph				Computer S	Security Appli	cations Conference,
TY	Spink, Auto 1999, pp. 1		on Detectio	n Environ	ment (AIDE), In	trusion Dete	ction Sensor	Fusion, September 7,
TZ					itrusion Detectio Virginia, pp. 1-20		nal Informati	on Systems Security
EXAMINER	Initial if reference cor	.,	. •.		DATE CON		11 .1	

FORM PIO-1	₩, Ma	•	INFOR			SCLOSED BY	APPI	LICANT			
ATTY. DOCI	KET NO).	SERIAL NO.		FILIN	G DATE					
05456.1050	005		09/844,448	3	April	27, 2001					
APPLICANT					GROU				2011		
Gregory H	louetor	a et al			2135				BOX 2/4		
Gregory II	oustoi	i et ai.		U.S. PA		OOCUMENTS					
EXAMINER INITIAL		DOCUMENT NUMBER	DATE		NAME CLASS SUBCLA			SUBCLASS	FILING DATE IF APPROPRIATE		
			F	OREIGN	PATEN	T DOCUMENTS					
		DOCUMENT NUMBER	DATE	COUNTI	RY	NAM	МE		TRANSLATION YES NO.		
	I	OTHER	REFEREN	CES (Inclu	ding Au	thor, Title, Date, Per	tinent Pag	ges, Etc.)	120 110.		
	UA		ecurity R&I			g for Conflict in the I gies for DARPA: The			ploration of ace II, Chaper Eleven,		
	UB	Valdes et al.,	SRI Interna	tional, Prob	abilistic	Alert Correlation, 20	001, pp. 1	-15			
	UC	Bass, Multise Iris National			ext Gen	eration Distributed In	trusion D	etection Syste	ems, April 28, 1999,		
	UD	Perrochon et 1-12	al., Enlisting	g Event Patt	terns for	Cyber Battlefield Av	vareness,	No Date, Star	nford University, pp.		
	UE	Perrochon, U University, p		t-Based Co	rrelatio	n in Network Operation	ons and M	anagement, J	uly 2, 1999, Stanford		
	UF	Perrochon, R	eal Time Ev	ent Based A	Analysis	of Complex Systems	, June 199	98, pp. 1-9			
	UG	Luckham et a	l., Complex	Event Proc	essing i	n Distributed Systems	s, August	18, 1988, Sta	nford University, pp.		
	UH	Pettigrew, US IAnewsletter				hern Command's Info	rmation S	Sharing Project	ets, Summer 1999,		
	UI	Levitt et al., CMAD IV, Computer Misuse & Anomaly Detection, Session Summaries, November 12-14, 1996, Proceedings of the Fourth Workshop on Future Directions in Computer Misuse and Anomaly Detection, Monterey, California, pp. 1-86									
	UJ	Cheung et al. of California		n of GrIDS:	A Gra	oh-Based Intrusion De	etection S	ystem, Januar	y 26, 1999, University		
EXAMINE						DATE CONSI					
						conformance with MPI munication to applicant.		aw line throug	h citation if not in		

		LIST OF	INFOR			SCLOSED BY	(APP	LICANT			
ATTY. DOCKET NO. SERIAL NO.					FILING DATE						
05456.105	05456.105005 09/844,448					27, 2001		_			
APPLICANT					GROUI	P			DOV 2 2 / 4		
Gregory H	loustor	n et al.			2135				BOX 2, 3/4		
			-	U.S. PAT	TENT D	OCUMENTS			-		
EXAMINER INITIAL		DOCUMENT NUMBER	DATE		NAMI	NAME		SUBCLASS	FILING DATE IF APPROPRIATE		
	1 1		F	OREIGN	PATEN	T DOCUMENTS					
	DOCUMENT NUMBER			DATE COUNT		RY NAMI			TRANSLATION		
	1	OTHER 1	REFEREN	CES (Inclu	ding Aut	thor, Title, Date, Per	tinent Pas	es, Etc.)	YES NO.		
	UK Cohen et al., Report of the Reporting Anomalous Activities Workshop, Fel					alysis Track, Detecti	on of Mal		Intrusions, and		
	UL	Garofalakis et al., Network Mining and Analysis: The Nemesis Project, Bell Labs, Lucent Ted Date, pp. 1-12							t Technologies, No		
	UM	RealSecure IC	RealSecure ICEcap Manager User Guide Version 3.6, Internet Security Systems, Inc., 1998-2002, pp. 1								
	UN	Cuppens, Coo	Cuppens, Cooperative Intrusion Detection, Date Unknown, pp. 1-10								
	UO	Mukherjee et	al., Networl	k Intrusion l	Detectio	n, IEEE Network, M	ay/June 1	994, pp. 26-4	1		
	UP	Machlis, Net 1	Monitoring	Tools Gain	Real-Ti	me Alerts, April 14,	1997, <u>httr</u>	:://www.comp	outerworld.com, pp. 1-		
	UQ	OmniGuard/ITA Intruder Alert, AXENT Technologies, Inc., November 17, 2004, http://www.web pp. 1-10									
	UR	NetRanger Ov	erview, Ch	apter 1, Dat	e Unkno	own, pp. 1-16		Autor at			
	US	Sutterfield, La	Sutterfield, Large-Scale Network Intrusion Detection, 1997, WheelGroup Corporation, pp. 1-10								
	UT		Kumar et al., An Application of Pattern Matching in Intrusion Detection, Technical Report No. CSD-TR-94-013, June 17, 1994, Purdue University, pp. 1-55								
Huang et al., A Large-Scale Distributed Intrusion Detection Framework Based on Attack Stransport Unknown, The Boeing Company, pp. 1-12							Strategy Analysis,				
	UV	Perrochon et	al., Event M	lining with l	Event Pr	ocessing Networks,	Date Unki	nown, Stanfor	d University, pp. 1-4		
									<u> </u>		
EXAMINI	ER					DATE CONSI	DERED				

		LIST OF	INFOR			SCLOSED BY ts if necessary)	Y APP	LICANT			
ATTY. DOCI	KET NO		SERIAL NO		FILING DATE						
05456.1050	005		09/844,44	8	April 2	27, 2001					
APPLICANT	APPLICANT										
Gregory H	Gregory Houston et al.								BOX 3/4		
Gregory II	oustor	i ct ai.		U.S. PA	2135 TENT D	OCUMENTS	-				
EXAMINER INITIAL		DOCUMENT NUMBER	DATE		NAME	3	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE		
			H	OREIGN	PATEN'	T DOCUMENTS					
		DOCUMENT NUMBER	DATE	COUNT	RY	NA)	ME.		TRANSLATION		
									YES NO.		
	uw					hor, Title, Date, Per			presented at DCOM		
	UW	1998, Univers				ent Correlation Osin	g Depend	ency Graphs,	presented at DSOM		
	UX	Bass, Intrusio 43, No. 4, pp.		System and	d Multise	nsor Data Fusion, A	pril 2000,	Communicat	ions of the ACM, Vol.		
	UY	Bass et al., A	Glimpse in	to the Futur	e of ID, I	Date Unknown, User	nix, pp. 1-	10			
	UZ	LaPadula, Sta	te of the Ar	t in Anoma	ly Detect	ion and Reaction, Ju	ıly 1999, 1	Mitre Corpora	tion, pp. 1-36		
	VA	Rationalizing Brief, pp. 1-6	Security Ev	ents with T	hree Din	nensions of Correlati	ion, Date	Unknown, Ne	tForensics, Tech		
	VB		Jou et al., Design and Implementation of a Scalable Intrusion Detection System for the Protection of Network Infrastructure, Date Unknown, MCNC, pp. 1-15								
	VC	Caldwell, Eve	Caldwell, Event Correlation: Security's Holy Grail?, August 1, 2002, GuardedNet, pp. 1-21								
	VD	Metcalf et al.,	Metcalf et al., Intrusion Detection System Requirements, September 2000, Mitre Corporation, pp. 1-33								
	VE					ntrusion Detection S , April 1997, MCNO			g Network		
	VF	Security Man. pp. 1-162	ager for UN	IIX Systems	s Version	3.2.1 User's Guide	, February	1998, Interne	et Security Systems,		
	VG	RealSecure R pp. 1-92	elease 1.2 f	or UNIX A	User Gu	ide and Reference M	Ianual, 19	97, Internet S	ecurity Systems, Inc.,		
							·				
EXAMINE	ER	nitial if reference consid				DATE CONSI	DERED				

FORM PTO-1	449, Ada	pted								
		LIST OF	INFOR			SCLOSED BY	APPI	LICANT		
ATTY. DOC	KET NO		SERIAL NO		FILING	G DATE				
05456.105	05456.105005 09/844,448					27, 2001				
APPLICANT					GROU	P			BOX 3/4	
Gregory Houston et al.					2135				DUA 3 / 4	
				U.S. PA	CENT I	OCUMENTS				
EXAMINER INITIAL		DOCUMENT NUMBER	DATE		NAM	E	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
			F	OREIGN	PATEN	T DOCUMENTS				
		DOCUMENT NUMBER	DATE	COUNT	RY	NAN	ИE		TRANSLATION	
		OTHER	DEEEDENCES (Incl.		uding Author, Title, Date, Perti		tinent Pages Fte \		YES NO.	
	VH		ner SAFE S			Guide and Reference			t Security Systems,	
	VI	Internet Scan	ner 3.3 Usei	Guide and	Referen	ice Manual, 1996, Into	ernet Seco	urity Systems	s, Inc., pp. 1-119	
	VJ Landwehr et al., Newsletter of the IEEE Computer Society's TC on Security and Privacy Electronics Electronic CIPHER, November 25, 1997, Issue 25, pp. 1-34									
	VK 20 th National Information Systems Security Conference, October 6-10, 1997, Baltimore, Maryland,								Maryland, pp. 1-44	
VL EMERALD Alert Management Interface User's Guide Version 1.2, Dec 1-11							2, Decem	December 6, 2000, SRI International, pp.		
	VM Anderson et al., Detecting Unusual Program Behavior Using the Statistical Component of Intrusion Detection Expert System (NIDES), May 1995, SRI International, pp. 1-89								of the Next-Generation	
VN Lunt et al., Detecting Intruders in Computer Systems, 1993 Conference on Auditing and C Technology, SRI International, pp. 1-17								l Computer		
	VO	Network ICE	Products -	ICEcap, Da	te Unkn	own, pp. 1-2				
	VP	Forlanda, Th	e Secrets to	Driving on	BlackIC	CE, January 12, 2000,	Network	ICE, pp. 1-3	5	
	VQ	BlackICE Us	er's Guide	Version 1.0	Beta Dr	aft, 1999, Network IC	CE Corpo	ration, pp. 1-	59	
	VR	ICEcap Adm	inistrator's	Guide Versi	on 1.0 I	Beta Draft, 1999, Netv	work ICE	Corporation	, pp. 1-25	
	VS	Shulak et al., Corporation,		vanced Adr	ninistrat	ion Guide Version 3.0	O, 2001, I	nternet Secur	rity Systems	
EXAMIN						DATE CONSII		11 4	In attendion 16 and 1	
		Initial if reference consi				conformance with MPI	er ouy; Di	aw line inroug	gi citation ii not in	

		LIST OF	INFOR			SCLOSED BY ets if necessary)	APPI	LICANT				
ATTY. DOCI	KET NO		SERIAL NO.	AL NO.		FILING DATE						
05456.1050	005		09/844,448		April	27, 2001						
APPLICANT					GROU				DOY 4.1.4			
Gregory H	louston	et al.			2135				BOX 3 / 4			
Gregory 12	ouston.			U.S. PA		OCUMENTS						
EXAMINER INITIAL		DOCUMENT NUMBER	DATE		NAM	E	CLASS SUBCLASS		FILING DATE IF APPROPRIATE			
INITIAL	<u> </u>		F	OREIGN	PATEN	T DOCUMENTS	1		IF AFFROPRIATE			
	DOCUMENT NUMBER DATE COUNT					NAN	Æ.		TRANSLATION YES NO.			
	<u> </u>	OTHER I	REFEREN	CES (Inclu	ding Au	thor, Title, Date, Pert	inent Pag	ges, Etc.)	100 1101			
	VT		OS Sensor			on 5.0, ©Internet Sec			9?-2000; September			
	VU	"Real Secure,	User's Gui	de," Version	n 3.0, ©	1992-1998, Internet	Security S	Systems, Inc.,	pgs. 1-128.			
	VV	"System Secur 164.	"System Security Scanner, User Guide," Version 1.6, © 1996-1998, Internet Security Systems, Inc., pgs. 1-164.									
	vw	"Real Secure ^T 1-38.	"Real Secure™, Network Engine User Guide," Version 3.2.1, © 1999 by Internet Security Systems, Inc., pgs. 1-38.									
	VX	"Real Secure"	"Real Secure™, User Guide," Version 3.2.1, © 1999 by Internet Security Systems, Inc., pgs. 1-38									
	VY		"Real Secure™, Manager for HP OpenView User Guide," Version 1.3, © 1999 by Internet Security Systems Inc., pgs. 1-48.									
	VZ	"Database Sca	"Database Scanner, User Guide," Version 2.0, © 1992-1999, Internet Security Systems, Inc., pgs. 1-112.									
	WA	"Database Sca	nner™, Us	er Guide,"	Version	4.0, © 2000 by Interr	net Securi	ty Systems, In	nc., pgs. 1-122.			
	WB	"Database Sca	nner™, Us	er Guide,"	Version	3.0.1, , © 1999 by In	ternet Sec	curity Systems	s, Inc., pgs. 1-164.			
	WC	"Real Secure" 42.	"Real Secure™, Network Sensor User Guide," Version 5.0, © 2000 by Internet Security Systems, Inc., pgs. 1-42.									
1	WD	"Real Secure,	"Real Secure, Server Sensor User Guide," Version 5.5, © Internet Security Systems, Inc. 2000, pgs. 1-56.									
	WE	"Internet Scar 182.	"Internet Scanner™, User Guide," Version 6.0, Copyright © 1999 by Internet Security Systems, Inc., pgs. 1-182.									
	WF	"Internet Scar	ner™, Use	r Guide," V	ersion 6	5.1, © 2000 by Interne	et Security	y Systems, Inc	c., pgs. 1-226.			
	WG	"Internet Scar	ner™, Use	r Guide," V	ersion 5	5.6, © 1992-1998, Inte	ernet Secu	urity Systems,	Inc., pgs. 1-162.			
EXAMIN	ΞR					DATE CONSID	DERED					
EXAMIN	ER: I	nitial if reference consid	lered, whether	er or not citat	tion is in	conformance with MPE	P 609; Dr	aw line through	h citation if not in			

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

		LIST OF	INFUR			SCLOSED BY ts if necessary)	APPI	LICANI				
ATTY. DOC	KET NO		SERIAL NO.		FILING DATE							
05456.105	005		09/844,448	2	April 27, 2001							
APPLICANT			09/044,440	•	GROU							
_									BOX 4 / 4			
Gregory H	Iouston	et al.		IIC DA	2135	OCH MENUTC						
		U.S. PATENT DOCUMENTS										
EXAMINER INITIAL	L			NAME CLASS			SUBCLASS	FILING DATE IF APPROPRIATE				
	1 1		<u> </u>	OREIGN	PATEN	T DOCUMENTS			TD ANGLATION			
	DOCUMENT NUMBER			COUNT	RY	NAI	ME		TRANSLATION YES NO.			
	J	OTHER F	REFEREN	CES (Inclu	iding Au	thor, Title, Date, Per	tinent Pag	es, Etc.)	1.00			
	WH			-		.3, © 1992-1998, Inte			Inc. pgs. 1-173.			
	****	"D 10	<u> </u>	G : 1 "	***	5.5. @ 1000 0000 T			T 110			
	WI	Real Secure,	Console Us	ser Guide,"	version	5.5, © 199?-2000, In	nternet Se	curity System	is, Inc., pgs. 1-162.			
	WJ	"Internet Scan	ner TM , User	r Guide," V	ersion 5	.8, © 1999 by Interne	et Security	Systems, Inc	c., pgs. 1-148.			
	WK	"SAFEsuite Decisions, User Guide," Version 1.0, © 1992-1998, Internet Security System							ns, Inc., pgs. 1-88.			
	WL	"Real Secure"	"Real Secure™, Console User Guide," Version 5.0, © 2000 by Internet Security Systems, Inc., pgs									
	WM	"SAFEsuite D	"SAFEsuite DECISIONS, User Guide," Version 2.5, © 2000 by Internet Security Systems, Inc., pgs. 1-19									
	WN	"System Scann	"System Scanner, User Guide," Version 1.7, © 1992-1998, Internet Security Systems, Inc., pgs. 1-248.									
	wo	"Sytem Scanne	"Sytem Scanner, User Guide," Version 1.0, © 1996-1998, Internet Security Systems, Inc., pgs. 1-140.									
	WP	"System Scanner™, User Guide," Version 4.0, © 1999 by Internet Security Systems, Inc., p							., pgs. 1-178.			
	WQ Internet Security Systems, Inc., "Introduction to RealSecure Version 5.0, The Industry's On Based and Network-Based Intrusion Detection System", August 22, 2000, pp. 1-47							Only Integrated Host-				
	WR		Internet Security Systems, Inc., "RealSecure Network Sensor and Gigabit Network Sensor Policy Gui Version 7.0", August 2003, pp. 1-86									
	ws	Internet Secur	Internet Security Systems, Inc., "RealSecure Console User Guide Version 3.1", June 1999, pp. 1-9									
	WT	Internet Securi	Internet Security Systems, Inc., "RealSecure Version 2.0", April 1998, pp. 1- 154									
	WU		Internet Security Systems, Inc., 'Enhanced Dynamic Threat Protection via Automated Correlation and Analysis', an ISS White Paper, 2002, pp. 1-14									
			•									
EXAMINI						DATE CONSI						
		nitial if reference considence considered. Include						aw line through	n citation if not in			

FORM PTO-1449, Adapted LIST OF INFORMATION DISCLOSED BY APPLICANT (Use several sheets if necessary) FILING DATE ATTY. DOCKET NO. SERIAL NO. 09/844,448 April 27, 2001 05456.105005 GROUP APPLICANT **BOX 4/4** 2135 Gregory Houston et al. **U.S. PATENT DOCUMENTS** CLASS SUBCLASS FILING DATE DOCUMENT NUMBER DATE NAME **EXAMINER** IF APPROPRIATE INITIAL 713 WV 6,871,284 03/22/05 Cooper et al. 713 WW 02/16/99 Dykes et al. 5,872,915 FOREIGN PATENT DOCUMENTS TRANSLATION DOCUMENT NUMBER DATE COUNTRY OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.) Internet Security Systems, Inc., "RealSecure Site Protector Comparison Guide for Internet Scanner 7.0 WX Reporting Version 1.2", March 2003, an ISS Tech Note, pp. 1-15 Internet Security System, Inc., "RealSecure Site Protector Comparison Guide for ICEcap Manager Version WY 1.5", January 2002, an ISS Technical White Paper, pp. 1-27 Internet Security Systems, Inc., "RealSecure SiteProtector Security Fusion Module 2.0 Frequently Asked WZ Questions", March 2003, pp. 1-8 Internet Security Systems, Inc., "RealSecure SiteProtector Console User Reference Guide Version 2.0 Service XA Pack 1", March 14, 2003, Chapter 3, pp. 1-27 Internet Security Systems, Inc., "Proventia Gateway and Network Protection", July 2003, pp. 1-12 XB Farley, Internet Security System, Inc., "ID Fusion Technology, A First-Generation Approach", April 29, 1999, XC National Security Framework Forum, pp. 1-8 Farley, "RealSecure Fusion Engine Concepts", an ISS White Paper, June 30, 1999, pp. 1-23 XD McGraw et al., "Secure Computing with Java: Now and the Future", 1997, XE http://java.sun.com/security/javaone97-whitepaper.html, pgs. 1-20 DATE CONSIDERED **EXAMINER** EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in

3857089 1.DOC

conformance and not considered. Include copy of this form with next communication to applicant.